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IN THE DRAWINGS:

Attached are 47 annotated sheets of drawings which include and illustrate (in red ink) changes to FIGs. 2A through 22 (renumbered 2A through 27). Also attached is a complete set of formalized drawings (49 sheets) labeled as replacement sheets. These replacement sheets, which include FIGs. 1 through 27, replace the original sheets including FIGs. 1 through 22.

Specifically, the figures have been renumbered in order to assign a new figure number to each page of the figure when the figure contains more than one page, causing all figures except FIG. 1 and the first page of FIG. 2A to be renumbered. "FIG. 2A (Contd.)" (6 pages) have been revised to change the figure labels to now read --FIG. 2B-- through --FIG. 2G--, respectively; "FIG. 2B" has been revised to change the figure label to now read --FIG. 3A--; "FIG. 2B (Contd.)" (5 pages) have been revised to change the figure labels to now read --FIG. 3B-- through --FIG. 3F--, respectively; "FIG. 3A" has been revised to change the figure label to now read --FIG. 4A--; "FIG. 3A (Contd.)" (2 pages) have been revised to change the figure labels to now read --FIG. 4B-- and --FIG. 4C--, respectively; "FIG. 3B" has been revised to change the figure label to now read --FIG. 5A--; "FIG. 3B (Contd.)" (1 page) has been revised to change the figure label to now read --FIG. 5B--; "FIG. 3C" has been revised to change the figure label to now read --FIG. 6--; "FIG. 4" has been revised to change the figure label to now read --FIG. 7--; "FIG. 5A" has been revised to change the figure label to now read --FIG. 8A--; "FIG. 5B" has been revised to change the figure label to now read --FIG. 8B--; "FIG. 5C" has been revised to change the figure label to now read --FIG. 8C--; "FIG. 5D" has been revised to change the figure label to now read --FIG. 8D--; "FIG. 5E" has been revised to change the figure label to now read --FIG. 8E--; "FIG. 5F" has been revised to change the figure label to now read --FIG. 8F--; "FIG. 5G" has been revised to change the figure label to now read --FIG. 8G--; "FIG. 6" has been revised to change the figure label to now read --FIG. 9--; "FIG. 7" has been revised to change the figure label to now read --FIG. 10--; "FIG. 8A," "FIG. 8B" and "FIG. 8C" have been revised to change the figure labels to now read --FIG. 11A--, --FIG. 11B--, and --FIG. 11C--, respectively; "FIG. 9" has been revised to change the figure label to now read --FIG. 12--; "FIG. 10" has been revised to change the figure label to now read --FIG. 13--; "FIG. 11" has been revised to change

the figure label to now read --FIG. 14--; "FIG. 12" has been revised to change the figure label to now read --FIG. 15--; "FIG. 13" has been revised to change the figure label to now read --FIG. 16--; "FIG. 14" has been revised to change the figure label to now read --FIG. 17--; "FIG. 15" has been revised to change the figure label to now read --FIG. 18--; "FIG. 16A" has been revised to change the figure label to now read --FIG. 19--; "FIG. 16B" has been revised to change the figure label to now read --FIG. 20A--; "FIG. 16B (Contd.)" has been revised to change the figure label to now read --FIG. 20B--; "FIG. 16C" has been revised to change the figure label to now read --FIG. 21A--; "FIG. 16C (Contd.)" has been revised to change the figure label to now read --FIG. 21B--; "FIG. 17" has been revised to change the figure label to now read --FIG. 22--; "FIG. 18A," "FIG. 18B" and "FIG. 18C" have been revised to change the figure labels to now read --FIG. 23A--, --FIG. 23B--, and --FIG. 23C--, respectively; "FIG. 19" has been revised to change the figure label to now read --FIG. 24--; "FIG. 20" has been revised to change the figure label to now read --FIG. 25--; "FIG. 21" has been revised to change the figure label to now read --FIG. 26--; and "FIG. 22" has been revised to change the figure label to now read --FIG. 27--.

In addition, though no changes other than those previously mentioned are presented, each of FIGs. 8A, 8B, 8C, 10, 12, 14, 18A, 18B, 18C, 19, and 22 are presented in greater clarity.

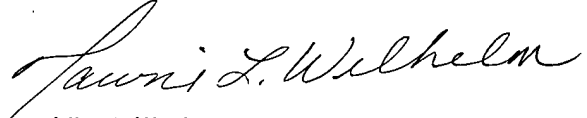
No new matter has been added by way of the present proposed amendment.

REMARKS

All of the amendments proposed herein are presented in response to the PTO-948 (Draftsperson's Review) provided by facsimile on January 8, 2004. All of the amendments to the figures relate to the renumbering of the figures and the clarity of the figures. All of the proposed amendments to the Specification are to correctly reference the renumbered figures. It is respectfully submitted that no new matter has been added and the amendments do not affect, or surrender, any scope of any claim as originally filed.

The Applicants again request entry of the amendments as set forth herein.

Respectfully submitted,



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TLW/csw

Enclosures: Replacement Sheets (49 pages)
Annotated Sheets Showing Changes (47 pages)

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FIG. 2A (Continued) FIG. 2B

CONSENSUS:	cacaagcctc	agcrttygggg	gagarctcgt	gtttcaaaca	agcgtccamg	gccttrtact	900
CEF94-A:	.....	..g.t...	....g....	.....	.....c.	.....g....	900
D6948-A:	.....	..a.c....	....a....	.....	.....a.	.....a....	900
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	gggygcyacc	atctacctya	taggctttga	tgggacwgcg	gtaatcacca	grgctgtggc	960
CEF94-A:	..C..C...	.....c.	.....	.....a...	.....	..g.....	960
D6948-A:	..t..t...	.....t.	.....	.....t...	.....	..a.....	960
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	cgcaracaat	gggctracgr	cgggcacyga	caaccttwtg	ccattcaatm	ttgtgattcc	1020
CEF94-A:	...a.....	.....g...a	.....c..	.....t..	.....a	.....	1020
D6948-A:	...g.....	.....a..g	.....t..	.....a..	.....c	.....	1020
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	aacmarcgag	ataaccagc	caatcacatc	catcaaaactg	gagatagtga	cctccaaaag	1080
CEF94-A:	..a.a...	.....	.....	.....	.....	.....	1080
D6948-A:	..C.g...	.....	.....	.....	.....	.....	1080
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	tggtggtcag	gcrggggatc	agatgtcrtg	gtcrgcaagw	gggagcctag	cagtgacgat	1140
CEF94-A:	.....	..a.....	.....g..	...g....a	.....	.....	1140
D6948-A:	.....	..g.....	.....a..	...a....t	.....	.....	1140
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ccaygggtggc	aactatccag	gggccctccg	tcccgctcacr	ctagtrgcct	acgaaaagagt	1200
CEF94-A:	...t.....	.....	.....	.....g	.....g....	.....	1200
D6948-A:	...C.....	.....	.....	.....a	.....a....	.....	1200
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ggcaacagga	tcygtcgta	cggtcgcygg	ggtgagcaac	ttcgagctga	tcccaaatcc	1260
CEF94-A:	.....	..C.....	.....t..	.....	.....	.....	1260
D6948-A:	.....	..t.....	.....c..	.....	.....	.....	1260
TY89-A:	-----	-----	-----	-----	-----	-----	

FIG. 2A (Contd.) FIG. 2C

CONSENSUS:	tgaactagca	aagaacctgg	tyacagaata	cgcccgattt	gaccaggag	ccatgaacta	1320
CEF94-A:	.....	.....t.....	.....	.....	.....	.....	1320
D6948-A:	.....	.....C.....	.....	.....	.....	.....	1320
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	cacaaaattg	atactgagt	agagggaccg	tcttggcatc	aagaccgtmt	ggccaacaag	1380
CEF94-A:	.....	.....	.....	.....	.....C.....	.....	1380
D6948-A:	.....	.....	.....	.....	.....a.....	.....	1380
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ggagtacact	gactttcgyg	artacttcat	ggaggtggcc	gacctcaact	ctccccctgaa	1440
CEF94-A:	.....	.....t.....	.....a.....	.....	.....	.....	1440
D6948-A:	.....	.....C.....	.....g.....	.....	.....	.....	1440
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	gattgcagga	gcatttyggct	tcaaagacat	aatccgggcc	mtaaggagga	tagctgtgcc	1500
CEF94-A:	.....	.....C.....	.....	.....	.....a.....	.....	1500
D6948-A:	.....	.....t.....	.....	.....	.....C.....	.....	1500
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ggtggtctcy	acaytgttcc	caccyggccg	tcccctagcc	catgcaattg	gggaagggtg	1560
CEF94-A:	.....C.....	.....t.....	.....t.....	.....	.....	.....	1560
D6948-A:	.....t.....	.....C.....	.....C.....	.....	.....	.....	1560
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	agactacctg	ctggggcgatg	aggcacaggc	tgcttcagga	actgctcgag	ccgcgtcagg	1620
CEF94-A:	.....	.....	.....	.....	.....	.....	1620
D6948-A:	.....	.....	.....	.....	.....	.....	1620
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	aaaagcaaga	gctgcctcag	gccgcataag	gcagctract	ctgcgcgcgcg	acaagggta	1680
CEF94-A:	.....	.....	.....	.....g.....	.....	.....	1680
D6948-A:	.....	.....	.....	.....a.....	.....	.....	1680
TY89-A:	-----	-----	-----	-----	-----	-----	

FIG. 2A (Contd.) FIG. 2D

CONSENSUS:	cgaggtagtc	gcgaatctrt	tycaggtgcc	ccagaatccy	gtagtcgacg	ggattctygc	1740
CEF94-A:	.....	.....a.	.C.....	.....C	.....	.....t..	1740
D6948-A:	.....	.....g.	.t.....	.....t	.....	.....C..	1740
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ttcacctggg	rtactccgcg	gygcacacaa	cctcgactgc	gtgttragag	agggtgccac	1800
CEF94-A:	.....	g.....	.t.....	.....	.....a...	.....	1800
D6948-A:	.....	a.....	.C.....	.....	.....g...	.....	1800
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	gctattccct	gtggytya	cgacagtga	agaygccatg	acacccaaag	caytgaacag	1860
CEF94-A:	.....	.....t..t.	.....	.....C.....	.....	.....t.....	1860
D6948-A:	.....	.....C.C.	.....	.....t.....	.....	.....C.....	1860
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	caaaatgttt	gctgtcattg	aaggcgtgcg	agaagayctc	caacctccwt	ctcaaagagg	1920
CEF94-A:	.....	.....	.....	.....C...	.....t.	.....	1920
D6948-A:	.....	.....	.....	.....t...	.....a.	.....	1920
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	atccttcata	cgaactctct	cyggacayag	agtcctatga	tatgctccag	atgggtact	1980
CEF94-A:	.....	.....	.t.....C..	.....	.....	.....	1980
D6948-A:	.....	.....	.C.....t.	.....	.....	.....	1980
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	tccactggag	actgggagag	aytacaccgt	kgctcccaata	gatgatgtct	gggacgacag	2040
CEF94-A:	.....	.....	.C.....	t.....	.....	.....	2040
D6948-A:	.....	.....	.t.....	g.....	.....	.....	2040
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	cattatgctg	tccaaagayc	ccatacctcc	tattgtggga	aacagyggaa	ayctagccat	2100
CEF94-A:	.....	.....t.	.....	.....	.....t...	.....t.....	2100
D6948-A:	.....	.....C.	.....	.....	.....C...	.....C.....	2100
TY89-A:	-----	-----	-----	-----	-----	-----	

~~FIG. 2A~~ [Contd.] FIG. 2E

CONSENSUS:	agcttacatg	gatgtgtttc	gacccaaagt	ccmatccat	gtggcyatga	cgggagccct	2160
CEF94-A:	.....	.....	.....	..a.....	.....t....	.....	2160
D6948-A:	.....	.....	.....	..C.....	.....C....	.....	2160
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	caaygcytrt	ggcgagattg	agaamgtrag	ctttagaagc	accaagctcg	ccactgcaca	2220
CEF94-A:	...t..t.g.	.....	....a.a..	.....	.....	.....	2220
D6948-A:	...C..C.a.	.....	....C.g..	.....	.....	.....	2220
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ccgacttggc	ctyaagtgg	ctggtccecg	wgcattygay	gtraaacaccg	ggyccaactg	2280
CEF94-A:	.....	..t.....	.....	a.....C.t	..a.....	..C.....	2280
D6948-A:	.....	..C.....	.....	t.....t.c	..g.....	..t.....	2280
TY89-A:	-----	-----	-----	-----	-----	-----	
CONSENSUS:	ggcracgtty	atcaaacggt	tycctcacia	tccmcgmga	tgggacaggy	tmccytacct	2340
CEF94-A:	..a.....C	.....	..C.....	..a.C...	.....C	..C.C.....	2340
D6948-A:	..g.....t	.....	..t.....	..a.C...	.....C	..C.t.....	2340
TY89-A:	-----	-----	..C.....	..C.a...	.....t	..a.C.....	44
CONSENSUS:	caacctwccm	tayctyccac	cmamwgcwgg	acgycagtwc	sayctkgccm	tggchgchtc	2400
CEF94-A:	.....a.a	..C..t...	..C.at..a..	..C.....a	..C.C..t...a	.....t..a..	2400
D6948-A:	.....t.a	..C..t...	..C.at..a..	..C.....a	..g.C..g...a	.....C..t..	2400
TY89-A:	.....t..C	..t..C...	..a.ca..t..	..t.....t	..C.t..g...c	.....a..C..	104
CONSENSUS:	mgagttcaaa	gagaccccmg	aactcgarr	ygcygtsmgw	gcmatggang	cwgcwgcmaa	2460
CEF94-A:	a.....	.....C	.....gag	t..C..ca.a	..a.....a	..a..a..C..	2460
D6948-A:	a.....	.....C	.....gag	C..C..ca.a	..C.....a	..a..a..C..	2460
TY89-A:	C.....	.....a	.....aga	C..t..gc.t	..a.....C	..t..t..a..	164
CONSENSUS:	cgtsgaccca	ytrttccrmt	cwgcdctcmr	bgtsttcacg	tggytggaag	araaygggat	2520
CEF94-A:	...g.....	C.a.....aa	..t.a...ag	t..g.....	..C.....	..g..t.....	2520
D6948-A:	...g.....	C.g.....aa	..t.g...ag	C..g.....	..C.....	..g..t.....	2520
TY89-A:	...C.....	t.g....gc.	..a.t...ca	g..C.....	..t.....	..a..C.....	224

FIG. 2A (Continued) FIG. 2F

CONSENSUS: tgtracygay atggcyaaact tcgcmctcag cgaccgccgaac gcmcaymgga tgmraattt 2580
CEF94-A: ...g..t..c ...c....a..... .C..tc... .cga..... 2580
D6948-A: ...g..t..t ...c....a..... .C..tc... .cgc..... 2580
TY89-A: ...a..c..c ...t....c..... .a..ca... .aaa..... 284

CONSENSUS: ycthgcaay gcwccmcarg cmgmgagcaa gtcgcaragr gccaaagtayg gsacrgcwgg 2640
CEF94-A: t..t....c ..a..a..a. .a..c.... .a..gc. .g..a..a.. 2640
D6948-A: t..c....c ..a..a..a. .a..c.... .a..ac. .g..a..a.. 2640
TY89-A: c..a....t ..t..c..g. .c..a.... .a..gt. .c..g..t.. 344

CONSENSUS: ctacggagtg gaggcymgrg gccccacdcc agargargca cagagggara aagacacacg 2700
CEF94-A:a....tc.g.a.. .g..a...a. 2700
D6948-A:a....cc.g.t.. .g..a...a. 2700
TY89-A:a....ta.a.g.. .a..g...g. 404

CONSENSUS: gatctcmaag aagatggara cbatgggcat ctacttygca acaccrgaat gggtagcact 2760
CEF94-A:a... ..g....g. .c.....t... ..a.... .t..... 2760
D6948-A:a... ..g....g. .t.....t... ..a.... .t..... 2760
TY89-A:c... ..a....a. .g.....c... ..g.... .t..... 464

CONSENSUS: caaygggcac cgrggsccaa gccccggcca gctvaagtac tggcaraaca camgagaaat 2820
CEF94-A: ...t..... .a..g... ..g.... .a..... .g.... .c..... 2820
D6948-A: ...t..... .g..g... ..g.... .g..... .g.... .c..... 2820
TY89-A: ...c..... .a..c... ..c..... .c..... .a.... .a..... 524

CONSENSUS: accdgaahccm aacgaggact aycyagacta ygtgcaygcr gagaagagcc ggttggrtc 2880
CEF94-A: ...g..c..at.t..... c.....t..aa..... 2880
D6948-A: ...t..t..ac.t..... c.....t..aa..... 2880
TY89-A: ...a..a..cc.c..... t.....c..gg.... 584

CONSENSUS: agaagaacar rtcytaaggg cagcyacgtc gatctacggg gctccaggac aggcwgarcc 2940
CEF94-A:a ..a..c..... .t..... .t..... .t..... .a..g... 2940
D6948-A:a ..a..c..... .t..... .t..... .t..... .a..g... 2940
TY89-A:g g..t..... .c..... .t..... .t..... .a..g... 644

~~FIG. 2A~~ ~~(Contd.)~~ FIG. 2G

CONSENSUS:	acccaagcy	ttcatagacg	aagtygccar	rgtctatgaa	atcaaacatg	grcgtggycc	3000
CEF94-A:	.....t	.....	....t...a	a.....	.....	.....c..	3000
D6948-A:	.....c	.....	....c...a	a.....	.....	.....g...c..	3000
TY89-A:	.....c	.....	....c...g	g.....	.....	.....g....t..	704
CONSENSUS:	maaccargar	cagatgaarg	ayctgtctcyt	gactgcgatg	gagatgaagc	atcgcaatcc	3060
CEF94-A:	a.....a..a	.....a..	t.....t.	.....	.....	.....	3060
D6948-A:	c.....a..a	.....a..	t.....c.	.....	.....	.....	3060
TY89-A:	a.....g..g	.....g..	c.....c.	.....	.....	.....	764
CONSENSUS:	caggcgggct	cyaccaaaagc	cmaagccaaa	acccaatgct	ccawcacaga	gacccccctgg	3120
CEF94-A:	.....t	.....	c.....	.....	.....	.....	3120
D6948-A:	.....c	.....	c.....	.....	.....	.....	3120
TY89-A:	.....c	.....	a.....	.....	.....	.....	824
CONSENSUS:	wcggctgggc	cgctggatca	ggrcbgtctc	tgaygaggac	ytkgagtgag	gywcctggga	3180
CEF94-A:	t.....	.....	..a.c....	...t....	c.t.....	..ta.....	3180
D6948-A:	t.....	.....	..g.t....	...t....	c.t.....	..ct.....	3180
TY89-A:	a.....	.....	..a.g....	...c....	t.g.....	..ct.....	884
CONSENSUS:	gtctcccgcac	accacccgcg	caggygtgga	caccaattmr	kmmhtaswrm	atycsaaatt	3240
CEF94-A:	.....	.....	....t....	.....cg	gact..caac	..c.c.....	3240
D6948-A:	.....	.....	....c....	.....cg	gcca..caac	..c.c.....	3240
TY89-A:	.....	.....	....t....	.....aa	tcac..gtga	..t.g.....	944
CONSENSUS:	ggatccgttc	gcgggtcccc					3260
CEF94-A:	.....	.....					3260
D6948-A:	.....	.....					3260
TY89-A:	.....	.....					964

~~FIG. 2B~~ FIG. 3A

```

CONSENSUS: ggatacgatg ggtctgaccc tctgggagtc acgaattaac gtggctacta ggggygatrm 60
CEF94-B:      .....
D6948-B:      .....t...gc 60

CONSENSUS: ccrccgctrg ctgccacggt agtggctcct cttcttgatg attctrrccac catgagtgc 120
CEF94-B:      ..g.....g.....g.....
D6948-B:      ..a.....a.....a.....

CONSENSUS: rttttcaaya gtccacaggc gcgaagcamg atmtcagcag cgttcggcat aaagcctacw 180
CEF94-B:      a.....C.....C.....C.....t 180
D6948-B:      g.....t.....a.....a.....a 180

CONSENSUS: gctggacarg aytggaaga actcytgatc cctaargtyt ggtggccacc tgaggatccs 240
CEF94-B:      .....a..C.....t.....a..t.....g 240
D6948-B:      .....g..t.....C.....g..C.....c 240

CONSENSUS: ytkgccagcc ctagtgcwct ggcmaagtct ctcagrara acggctacaa rrttytgacg 300
CEF94-B:      C.t.....a.....a.....a..g.....ag..t..... 300
D6948-B:      t.g.....t.....C.....g..a.....ga..C..... 300

CONSENSUS: ccacggtctc trccygagaa tgaggagtat gagaccgayc aaatactccc wgacytagcw 360
CEF94-B:      .....g..C.....t.....C.....a...t....a 360
D6948-B:      .....a..t.....t.....t.....t...C....t 360

CONSENSUS: tggatgmgrc agatagargg rgctgtttta aaacmacyc tatctctccc yattggagay 420
CEF94-B:      .....C.a.....a..g.....C..t.....t.....t 420
D6948-B:      .....a.g.....g..a.....a..C.....C.....c 420

CONSENSUS: caggagtact tcccwaarta ctaccaaca caycgcccka gcaaggaraa gcccaatgcg 480
CEF94-B:      .....a..g.....t.....t.....g.....g..... 480
D6948-B:      .....t..a.....c.....g.....a.....a..... 480
```

FIG. 28 (Continued) FIG. 3B

```

CONSENSUS: taccgcgcmg ayatcgcayt actcaagcag atgatytacy tgtttctcca ggttccmgag 540
CEF94-B:      .....a. .c.....c. ....t...c. ....a... 540
D6948-B:      .....c. .t.....t. ....c...t. ....c... 540

CONSENSUS: gccammgakr rcctwaarga tgargtmacc ctmytraccc aaaacatwag rgayaargcc 600
CEF94-B:      ....ac..gg g...a..g... ..a..a... .ct.g... ..a... g..c..g... 600
D6948-B:      ....ca..ta a...t..a.. ..g..c... .ac.a... ..t... a..t..a... 600

CONSENSUS: tayggragtg ggacctacat gggacargcm acymgacttg tkgcyatgaa rgaggtygcc 660
CEF94-B:      ..t..a... ..a... ..a..a .tc..... .g..c.... g.....c... 660
D6948-B:      ..c..g... ..a... ..g..c .ca..... .t..t.... a.....t... 660

CONSENSUS: actggragaa acccaaaacaa rgatcctcta aagcttggt acacytttga gagcatmgcs 720
CEF94-B:      .....a... ..a... ..g..... g.....t.... ..c...c..g 720
D6948-B:      .....g... ..a... ..a..... ..c..... ..a..a..c 720

CONSENSUS: cagctacttg acatcacwyt accggtaggc ccaccgggtg aggatgacaa gccctgggtr 780
CEF94-B:      .....a... ..ac. ....a... ..a... ..a... ..g 780
D6948-B:      .....a... ..tt. ....a... ..a... ..a... ..a 780

CONSENSUS: ccactcacaa grgtgccgtc amggatgttg gtwtgacgg gmgacgtaga tggsgamttt 840
CEF94-B:      .....a... ..a... ..c..... .a..... .a..... ..c..c... 840
D6948-B:      .....g... ..g..... .a..... .t..... .c..... ..g..a... 840

CONSENSUS: gaggttgarg aytaccttcc caaaatcaac ctcaagtcac caagtgagact rccmtatgtw 900
CEF94-B:      .....a... ..t..... ..a... ..a... ..a... ..a..a.....a 900
D6948-B:      .....g... ..c..... ..a... ..a... ..a... ..g..c.....t 900

CONSENSUS: ggtcgcacca aaggagarac wattggsgag atgatagcya tmtcraacca gtttctymga 960
CEF94-B:      .....a... ..g... ..a.....c... ..a.....t. .c..a.....ca.. 960
D6948-B:      .....a... ..t....g... ..a.....c. .a..g..... ..t..c... 960
```

~~FIG. 2B~~ (Contd.) FIG. 3C

CONSENSUS:	gagctatcar	crcctgytgaa	gcarggtgca	gggacaaaarg	ggtcraacaa	gaagaagctr	1020
CEF94-B:	.....a	.a...t...	...a.....	.....g.	....a.....	.....a	1020
D6948-B:	.....g	.g...C...	...g.....	.....a.	....g.....	.....g	1020
CONSENSUS:	ctcagcatgy	taagtgacta	ytgggtactta	tcatgygggc	ttttgtttcc	maaggctgar	1080
CEF94-B:	.....t	.....t...	.....t...	.....C...	.....a	.....a	1080
D6948-B:	.....C	.....C...	.....C...	.....t...	.....C	.....g	1080
CONSENSUS:	aggtagcaca	aaagyacatg	gctcaccaag	accgkkaaca	tatgggtcagc	tccatcmcca	1140
CEF94-B:	.....t	.....t...	.....t...	.....g...	.....C...	.....C...	1140
D6948-B:	.....C	.....C...	.....C...	.....t...	.....a...	.....a...	1140
CONSENSUS:	acacacctca	tgatctcwat	gatmacctgg	cccgatgatgt	caaayagccc	aaayaacgtg	1200
CEF94-B:	.....t	.....t...	.....C...	.....t...	.....C...	.....t...	1200
D6948-B:	.....a	.....a...	.....a...	.....t...	.....C...	.....C...	1200
CONSENSUS:	ttgaacattg	arggggtgccc	rtcactctac	aarttcaacc	cgtyagagg	wgggytraac	1260
CEF94-B:	.....a	.....a...	.....a...	.....a...	.....C...	.....t.g...	1260
D6948-B:	.....g	.....g...	.....g...	.....g...	.....t...	.....c.a...	1260
CONSENSUS:	aggatcgtsg	agtgatawt	ggcyccggaw	gaaccaagg	cyytwgtata	tgckgacaa	1320
CEF94-B:	.....C	.....t...	.....C...	.....a...	.....t...	.....g...	1320
D6948-B:	.....g	.....a...	.....t...	.....t...	.....a...	.....t...	1320
CONSENSUS:	atatacattg	tycactcmaa	cacgtgggtac	tcaattgacc	tagagaagg	tgaggcaaac	1380
CEF94-B:	.....C	.....a...	.....a...	.....a...	.....a...	.....a...	1380
D6948-B:	.....t	.....C...	.....C...	.....C...	.....C...	.....C...	1380
CONSENSUS:	tgckackcgy	aacacatgca	rgccgcmatg	tactacatmc	tyaccagagg	rtgggtcmgay	1440
CEF94-B:	.....t.C	.....a...	.....a...	.....a...	.....C...	.....a..c	1440
D6948-B:	.....g.t	.....g...	.....C...	.....C...	.....a...	.....C..t	1440
CONSENSUS:	aacggygacc	cmatgttcaa	tcaracatgg	gccacctttg	csatgaacat	tgccccwgct	1500
CEF94-B:	.....C...	.....a...	.....a...	.....a...	.....C...	.....t...	1500
D6948-B:	.....t...	.....C...	.....g...	.....g...	.....g...	.....a...	1500

~~FIG. 2B~~ (Identd) FIG. 3D

CONSENSUS:	ctagtkgtgg	actcatcrtg	ycatgatwatg	aacckkara	tyaagacmta	tggtcaaggc	1560
CEF94-B:	....g....	....g....	C....a....	....g.a..	.t....C..	....	1560
D6948-B:	....t....	....a....	t....t....	....t.g..	.C....a..	....	1560
CONSENSUS:	agygggaatg	cagccacstt	catcaacaac	cayctyytka	gcacsctwgt	gctwgaccag	1620
CEF94-B:	..C.....	....g....	....	..C..ct.g.	....g.a..	..t.....	1620
D6948-B:	..t.....	....C....	....	..t..tc.t.	....C.t..	..a.....	1620
CONSENSUS:	tggaacytga	tgarrcarcc	yagwccagac	agcgargagt	tcaartcaat	tgargacaag	1680
CEF94-B:	....C....	....ga.g..	C.a.....	....g....	....a....	....g.....	1680
D6948-B:	....t....	....ag.a..	t..t.....	....a....	....g....	..a.....	1680
CONSENSUS:	ctrnggyatca	acttyaagat	tgagaggtcc	attgatgaya	tyaggggcaa	gctsagacag	1740
CEF94-B:	..a..t....	....t....	....	....t....	.C.....	....g.....	1740
D6948-B:	..g..C....	....C....	....	....C..	.t.....	..C.....	1740
CONSENSUS:	cttgtccycc	ttgcacaacc	agggtacctg	agtggrrggg	tygaaccaga	rcaayccagc	1800
CEF94-B:	....t....	....	....	....g....	.t.....	a...t....	1800
D6948-B:	....C....	....	....	....a....	.C.....	g...C....	1800
CONSENSUS:	ccaactgtwg	agctkgacct	actmggrtgg	twgwcawct	acagcaaaga	tctygggatc	1860
CEF94-B:	....t....	....t....	....a.g....	..a..t..a.	....	....C.....	1860
D6948-B:	....a....	....g....	....C.a....	..t..a..t.	....	..t.....	1860
CONSENSUS:	tatgtgccgg	tgcttgacaa	ggaacgcyta	ttttgytctg	ctgcgtatcc	caarggrgta	1920
CEF94-B:	....	....	....C....	....t....	....	....g.a....	1920
D6948-B:	....	....	....t....	....C....	....	..a.g....	1920
CONSENSUS:	gagaayaara	gyctcaartc	caargtyggg	atcgagcarg	catacaargt	wgtcagggtay	1980
CEF94-B:	....C..g..	.t....g..	..a..C....	....g....	....g....	a.....t	1980
D6948-B:	....t..a..	.C....a..	....g..t....	....a....	....a....	t.....c	1980
CONSENSUS:	gaggcgttga	ggttggttagg	tggttggaac	taccactcc	tgaacaaagc	ytgcaagaay	2040
CEF94-B:	....	....	....	....	....	C.....t	2040
D6948-B:	....	....	....	....	....	t.....c	2040

FIG. 2B (Continued) FIG. 3E

CONSENSUS:	aaygcargyg	cmgctcggcg	gcattctggag	gccaaggggt	tccrcrtcga	ygagttcctm	2100
CEF94-B:	..C...g.C.	.C.....	.....	.....	...a....	C.....a	2100
D6948-B:	.t...a.t.	a.....	.....	.....	...g....	t.....c	2100
CONSENSUS:	gccgagtgg	cwgagytgtc	mgagttcggw	gargcyttcg	aaggcttcaa	yatcaagctg	2160
CEF94-B:	.....	.t...C...	a.....t	.g..C...	.....	t.....	2160
D6948-B:	.....	a...t...	C.....a	.a..t...	.....	C.....	2160
CONSENSUS:	acmgtaacay	ckgagagcct	mgccgaactk	aacarrrccag	taccccccaa	rccyccaaat	2220
CEF94-B:	..C.....t	.t.....	a.....g	...ag...	.....	g..C.....	2220
D6948-B:	..a.....C	.g.....	C.....t	...ga...	.....	a..t.....	2220
CONSENSUS:	gtcaacacagac	cagtcaaac	yggkggrctm	aaggcagtc	gcaaygccct	caagaccggy	2280
CEF94-B:	.....	.....	t..g..a..C	.....	...C....	.....t	2280
D6948-B:	.....	.....	C..t..g..a	.....	...t....	.....c	2280
CONSENSUS:	cggtagayagra	aygaagccgg	actragtgy	ctcgtctctyc	tagccacmgc	mngmagccgw	2340
CEF94-B:	....C..g.	.C.....	...g....t	.....t.	.....a..	aa.a....t	2340
D6948-B:	....t..a.	.t.....	...a.....C	.....C.	.....C..	cc.C....a	2340
CONSENSUS:	ctrcargayg	cagtyaaggc	caaggcagar	gccgagaaac	tccacaagtc	yaagccmgay	2400
CEF94-B:	..g..a..t.	...t....	.....a	.....	.....	C.....a..c	2400
D6948-B:	..a..g..C.	....C....	.....g	.....	.....	t.....c..t	2400
CONSENSUS:	gaccccgatg	cagactgggt	ygaamgrtca	gaaacyctgt	cagacctkct	ggagaaagcc	2460
CEF94-B:	.....	.....	C...a.a...	.....t...	.....t..	.....	2460
D6948-B:	.....	.....	t...C.g...	.....C....	.....g..	.....	2460
CONSENSUS:	gacatygcc	gcaaggtcgc	ycactcagca	ctcgtggaaa	caagcgacgc	ycctgaagcr	2520
CEF94-B:	....C....	.....	C.....	.....	.....	C.....a	2520
D6948-B:	....t....	.....	t.....	.....	.....	t.....g	2520
CONSENSUS:	gtycagtcra	cytcmggtga	cacyccmaag	taccagarg	tyaagaaccc	acagaccgcc	2580
CEF94-B:	..t.....g.	.t..C....	...t..C...	.....a.	C.....	.....	2580
D6948-B:	..C.....a.	.C.a....	...C.a...	.....g.	t.....	.....	2580

~~FIG. 2B~~ (Contd.) FIG. 3F

CONSENSUS:	tcacaacccg	ttgttggt	ccacctgccc	gccaagarg	ccaccggtgt	ccaggcmgt	2640
CEF94-B:	.....	.....	.....	.....a.	.....	.....c...	2640
D6948-B:	.....	.....	.....	.....g.	.....	.....a...	2640
CONSENSUS:	cttctcggag	caggracgag	cagaccaatg	gggatggagg	cyccaacacg	gtccaagaac	2700
CEF94-B:	.....	.....a.	.....	.....	.....c.	.....	2700
D6948-B:	.....	.....g.	.....	.....	.....t.	.....	2700
CONSENSUS:	gccgtgaaaa	tgcccaaa	gcggcaacgc	caaaargaga	gccgccaaya	gccatgatgg	2760
CEF94-B:	.....	.....c.	.....	.....g.	.....c.	.....	2760
D6948-B:	.....	.....a.	.....	.....a.	.....t.	.....	2760
CONSENSUS:	gaaccactca	agaagaggac	actaaycca	gaccccgat	ccccggcctt	cgcctgcggg	2820
CEF94-B:	.....	.....	.....t.	.....	.....	.....	2820
D6948-B:	.....	.....	.....c.	.....	.....	.....	2820
CONSENSUS:	ggccccc						2827
CEF94-B:	.....						2827
D6948-B:	.....						2827

~~FIG. 3A~~ (Contd.) FIG. 4B

CONSENSUS: DREYFMEVA DLNSPLKIAG AFGKDIIRA .RRIAVPVVS TLFPPAAPLA HAIGEGVDYL	480
CEF94-PP: I	480
D6948-PP: L	480
TY89-PP: -----	
CONSENSUS: LGDEAQAASG TARAASGKAR AASGRIRQLT LAADKGYEVV ANLFQVPQNP VVDGILASPG	540
CEF94-PP:	540
D6948-PP:	540
TY89-PP: -----	
CONSENSUS: .LRGAHNLC VLREGATLFP VVITVEDAM TPKALNSKMF AVIEGVREDL QPPSQGSFI	600
CEF94-PP: V	600
D6948-PP: I	600
TY89-PP: -----	
CONSENSUS: RTLSGHRVYG YAPDGVLPLE TGRDVTVPPI DDVWDDSIML SKDPIPIVG NSGNLAIAYM	660
CEF94-PP:	660
D6948-PP:	660
TY89-PP: -----	
CONSENSUS: DVFRPKVPIH VAMTGALNA. GEIE.VSFRS TKLATAHRLG LKLAGPGAFD VNTG.NWATF	720
CEF94-PP: C K P	720
D6948-PP: Y N S	720
TY89-PP: -----	
CONSENSUS: IKRFPNPRD WDRLPYLNLP YLPPNAGRQY HLAMAASEFK ETPELESVR AMEAAANVDP	780
CEF94-PP:	780
D6948-PP: D	780
TY89-PP: -- T F L D	58
CONSENSUS: LFQSALSVFM WLEENGIVTD MANFALSDPN AHRMRNFLAN APOAGSKSOR AKYGTAGYGV	840
CEF94-PP:	840
D6948-PP:	840
TY89-PP: . . R . . . Q K	118

~~FIG. 3A~~ ~~Continued~~ FIG. 4C

CONSENSUS: EARGTPPEA QREKDRISK KMETMGIYFA TPEWVALNGH RGPSPGQLKY WQNTREIPDP	900
CEF94-PP:	900
D6948-PP:	900
TY89-PP:	178
CONSENSUS: NEDYLDYVHA EKSRLASEEQ ILRAATSIYG AFGQAEPPOA FIDEVAKVYE INHGRGNQE	960
CEF94-PP:	960
D6948-PP:	960
TY89-PP: ....P..... V.....R.....	238
CONSENSUS: QMKDLLLTAM EMKHRNPRRA PPKPKPKPNA PTQRPGRGLG RWIRTVSDED LE	1012
CEF94-PP:	1012
D6948-PP:	1012
TY89-PP:	290

FIG. 3A

CONSENSUS: MSD.FNSPQA RS.ISAAFGI KPTAGQDVEE LLIPKVVVPP EDPLASPSRL AKFLRENGYK	60
CEF94-VP1: .I.....T.....	60
D6948-VP1: .V.....K.....	60
CONSENSUS: .LQPRSLPEN EYETDQILP DLAWMRQIEG AVLKPTLSLP IGDQEYFPKY YPTHRPSKEK	120
CEF94-VP1: V.....	120
D6948-VP1: I.....	120
CONSENSUS: PNAYPPDIAL LKQMIYLFLO VPEA...LKD EVTLTQNIR DKAYGSGTYM GOATRLVAMK	180
CEF94-VP1: .....NEG.....	180
D6948-VP1: .....TDN.....	180
CONSENSUS: EVATGRPNPK DPLKLGTYFE SIAQLLDITL PVGPPGEDDK PWPPLTRVPS RMLVLTGDVD	240
CEF94-VP1:	240
D6948-VP1:	240
CONSENSUS: G.FEVEDYLP KINKSSSGL PYVGRTKGET IGEMIAISNQ FLRELS.LLK QGAGTKGSNK	300
CEF94-VP1: .D.....T.....	300
D6948-VP1: .E.....A.....	300
CONSENSUS: KLLSMLSDY WYLSGGLLP KAERYDKSTW LTKTRNIWSA PSPTHLMISM ITWPVMSNSP	360
CEF94-VP1:	360
D6948-VP1:	360
CONSENSUS: NNVLNIEGCP SLYKENPFRG GLNRIVEWI. AP.EPKALVY ADNIYIVHSN TWYSIDLEKG	420
CEF94-VP1: .....L.E.....	420
D6948-VP1: .....M.D.....	420
CONSENSUS: EANCTRQHMQ AAMYIILTRG WSDNGDPMFN QTWATFAMNI APALVVDSSC LIMNLQIKTY	480
CEF94-VP1:	480
D6948-VP1:	480
CONSENSUS: GQSGNAATF INNHLSTLV LDQWNLM.QP .PDSEEFKSI EDKLGINFKI ERSIDDIRGK	540
CEF94-VP1: .....R..R.....	540
D6948-VP1: .....K..S.....	540

CONSENSUS:	LRQLV.LAQP	GYLGGVEPE	Q.SPTVELDL	LGWSATYSKD	LGIYVPVLDK	ERLFCSAAYP	600
CEF94-VP1:	.....L.....	S.....	.....	.....	.....	.....	600
D6948-VP1:	.....P.....	P.....	.....	.....	.....	.....	600
CONSENSUS:	KGVENKSLKS	KVGIEQAYKV	VRYEALRLVG	GWNYPLLKA	CKNNA.AARR	HLEAKGFPLD	660
CEF94-VP1:	.....	.....	.....	.....G.....	.....	.....	660
D6948-VP1:	.....	.....	.....	.....S.....	.....	.....	660
CONSENSUS:	EFLAEWSELS	EFGEAFEGFN	IKLTVT.ESL	AELN.PVPPK	PPNVNRPVNT	GGLKAVSNAL	720
CEF94-VP1:	.....	.....	S.....	K.....	.....	.....	720
D6948-VP1:	.....	.....	P.....	R.....	.....	.....	720
CONSENSUS:	KTGRYRNEAG	LSGLVLLATA	RSRLQDAVKA	KAEAEKLHKS	KPDDPDADWF	ERSETLSDLL	780
CEF94-VP1:	.....	.....	.....	.....	.....	.....	780
D6948-VP1:	.....	.....	.....	.....	.....	.....	780
CONSENSUS:	EKADIASKVA	HSALVETSDA	LEAVQSTSVY	TPKYPEVKNP	QTASNPPVUGL	HLPKRRATGV	840
CEF94-VP1:	.....	.....	.....	.....	.....	.....	840
D6948-VP1:	.....	.....	.....	.....	.....	.....	840
CONSENSUS:	QAALLGAGTS	RPMGMEAPTR	SKNAVKMAKR	RQRQKESRQ.	.	.	881
CEF94-VP1:	.....	.....	.....	.....Q	P	P	881
D6948-VP1:	.....	.....	.....	.....-	-	-	879

FIG. 3C 6

CONSENSUS:	MVSRDQTNDR	SDD.PARSNP	TDCSVHTEPS	DANNRTGVHS	GRHP.EAHSQ	VRDLDLQFDC	60
D6948-VP5:	.....	E.....	.....	.....	R.....	.....	60
CEF94-VP5:	.....	K.....	.....	.....	G.....	.....	60
CONSENSUS:	GGHRVRANCL	FPW.PWLNCG	CSLHTAEQWE	LQVRSDAPDC	PEPTGQLQLL	QASESESHSE	120
D6948-VP5:	.....	F.....	.....	.....	.....	.....	120
CEF94-VP5:	.....	I.....	.....	.....	.....	.....	120
CONSENSUS:	VKHT.WWRLC	TK.HHKRRDL	PRKPE				145
D6948-VP5:	....P....	..W.....	.....				145
CEF94-VP5:	....S....	..R.....	.....				145

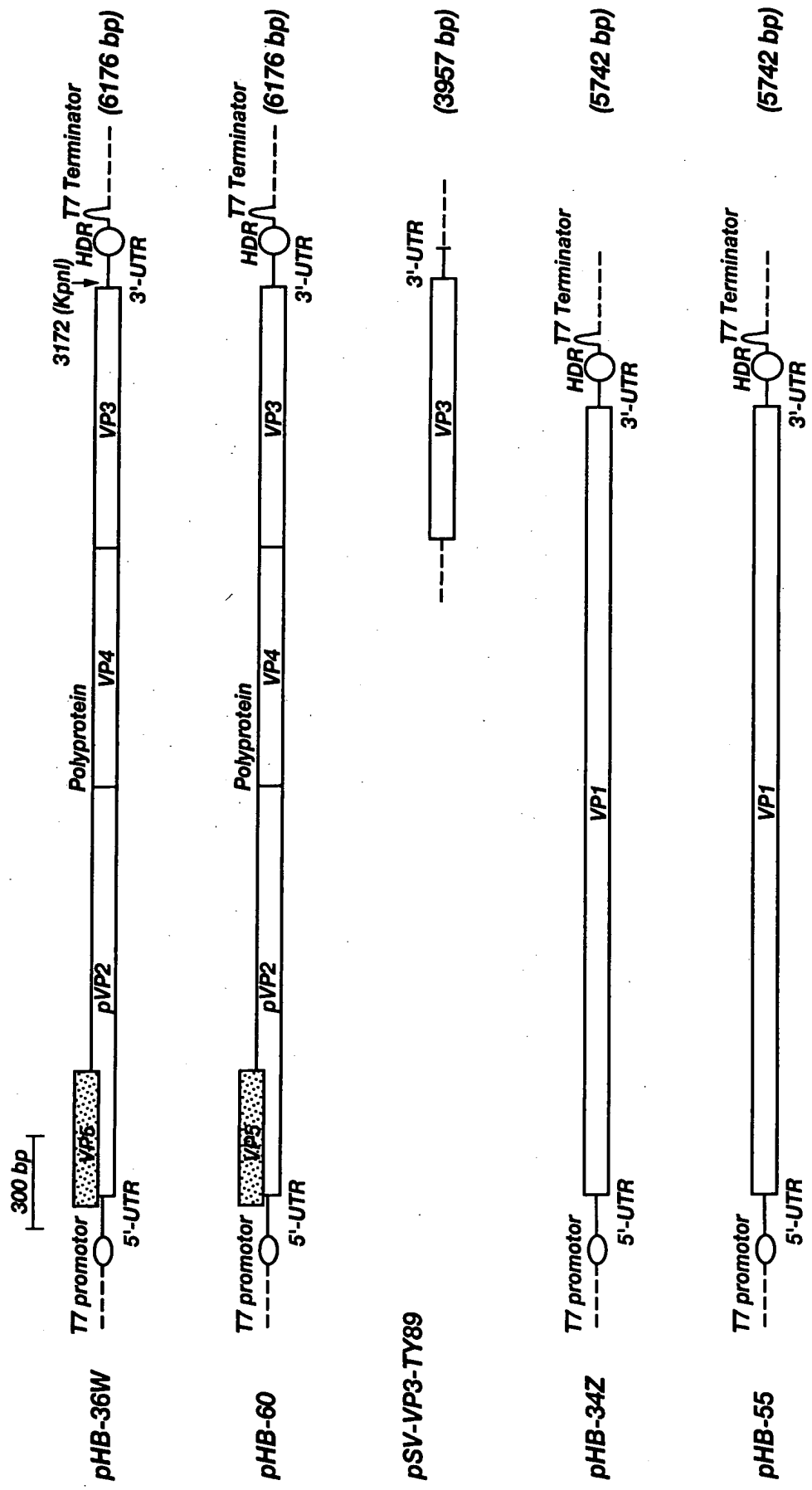


FIG. 7

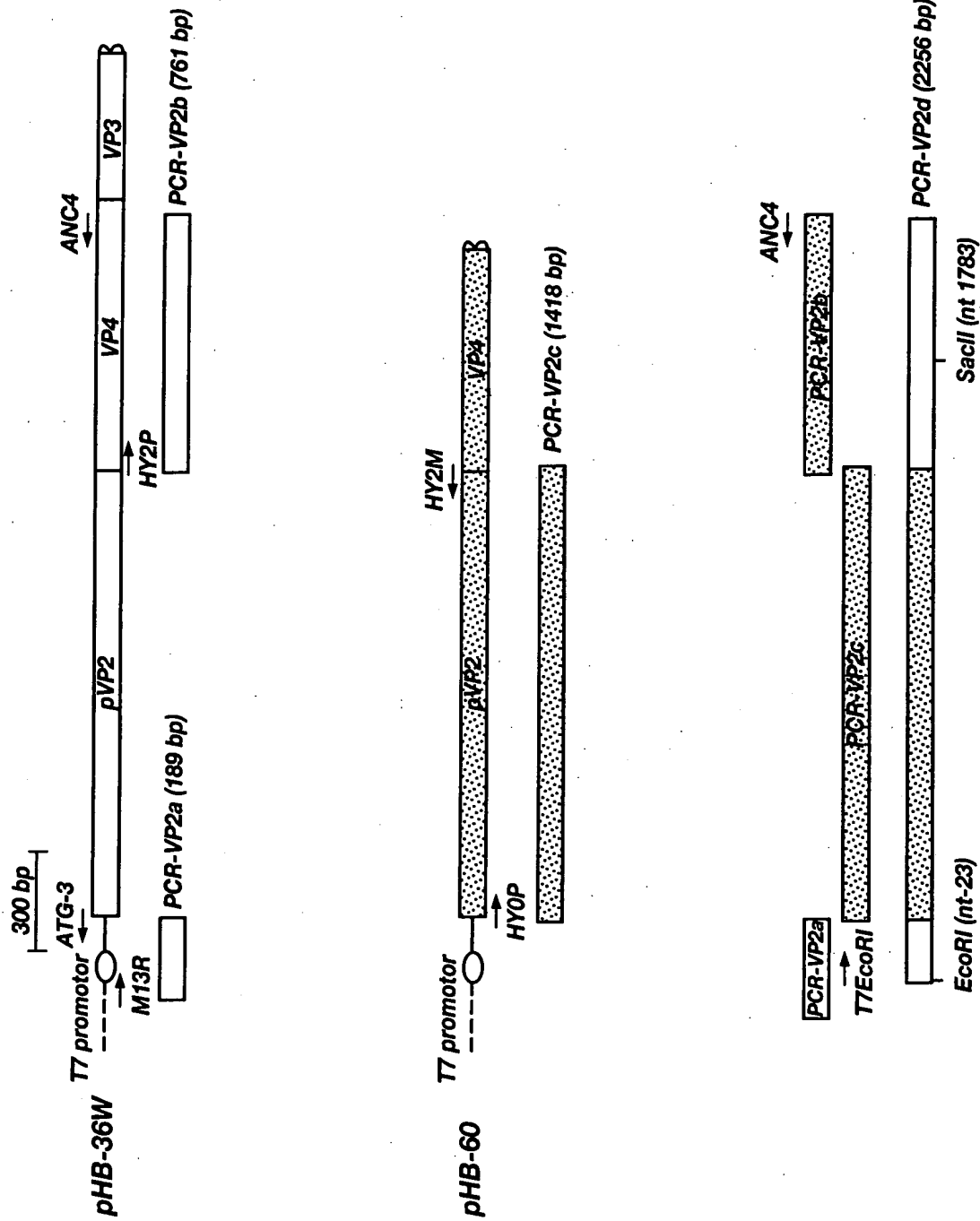


FIG. 5A 8A

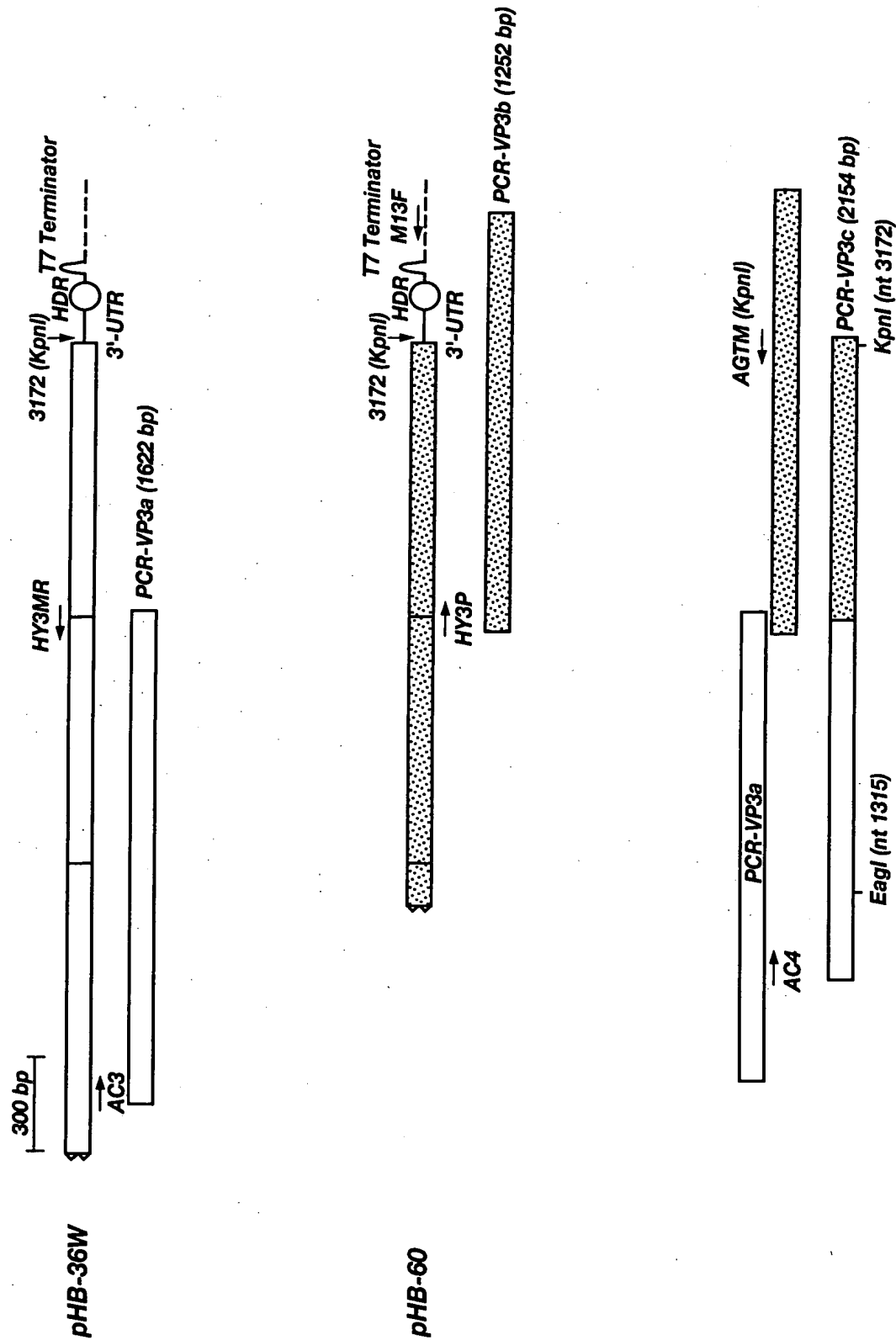


FIG. 5B 80

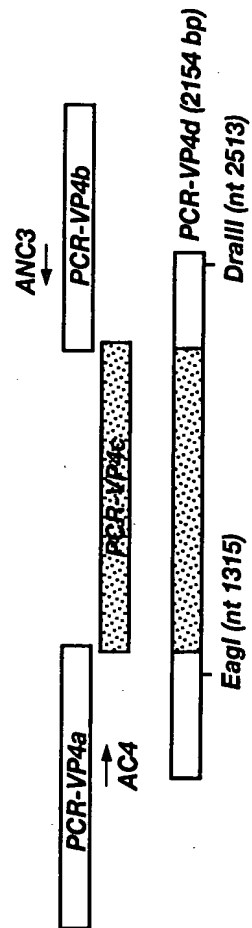
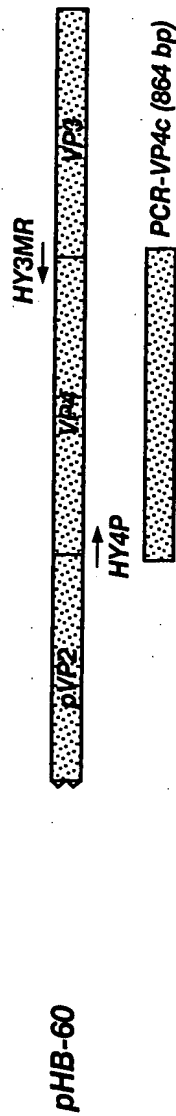
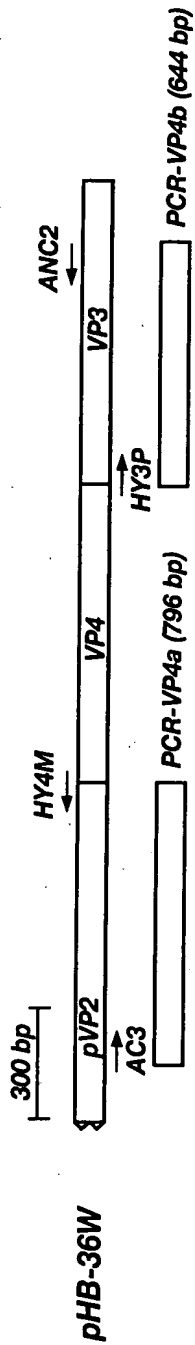


FIG. 5C

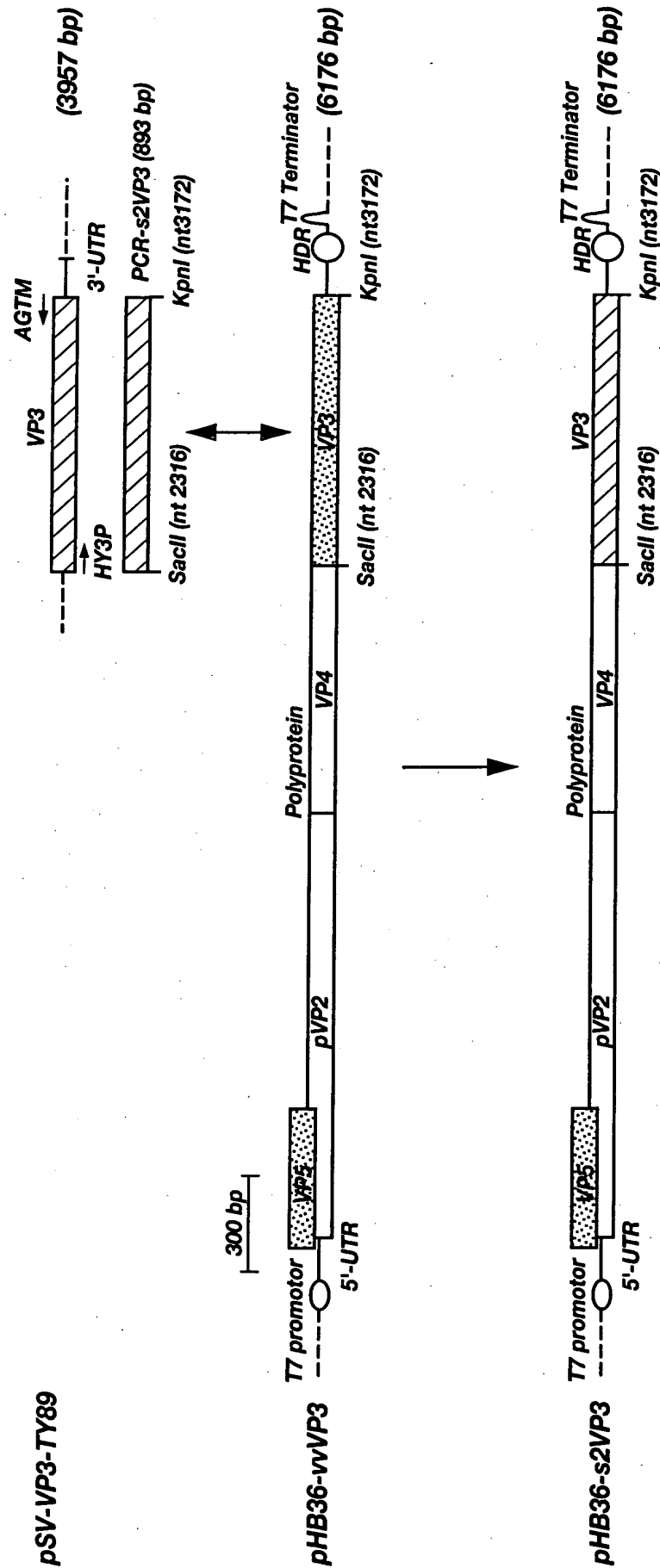


FIG. 5D 8D

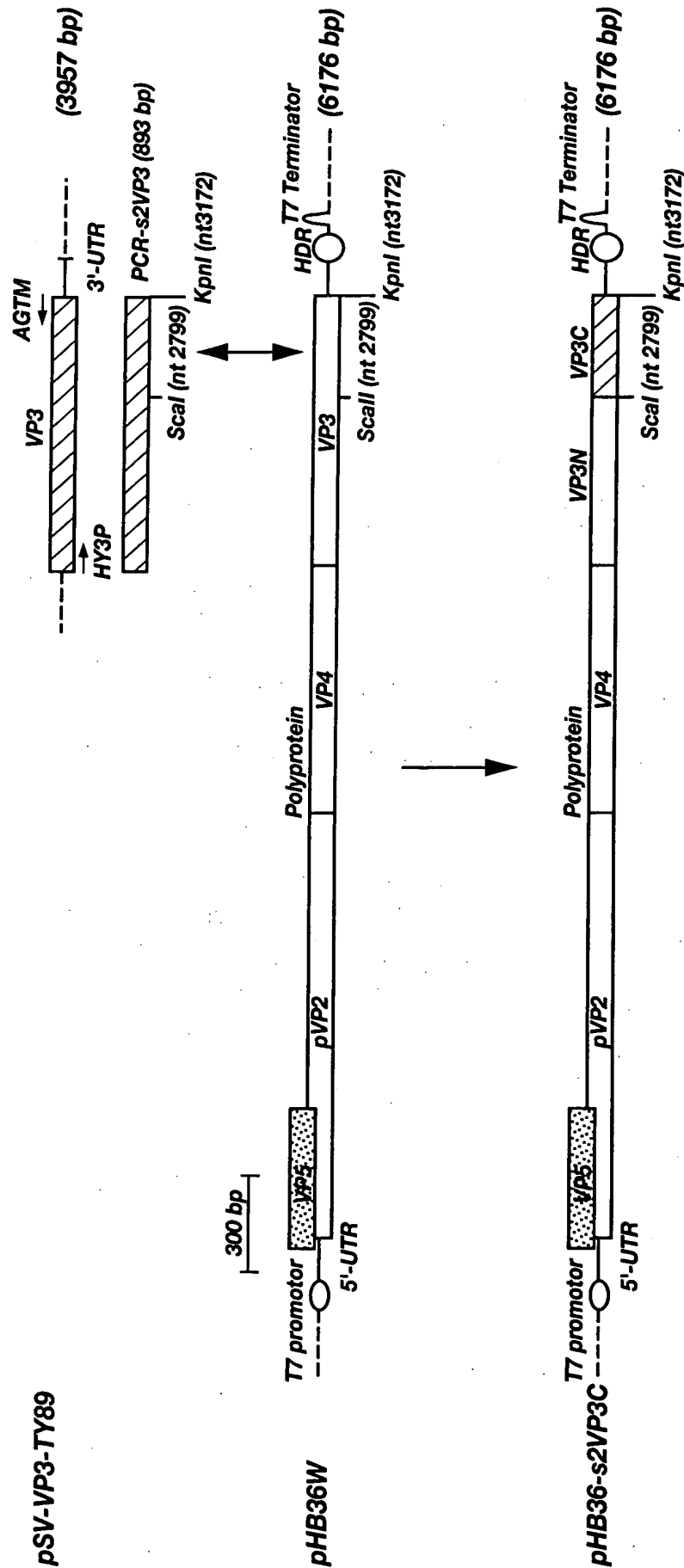


FIG. 3E 8E

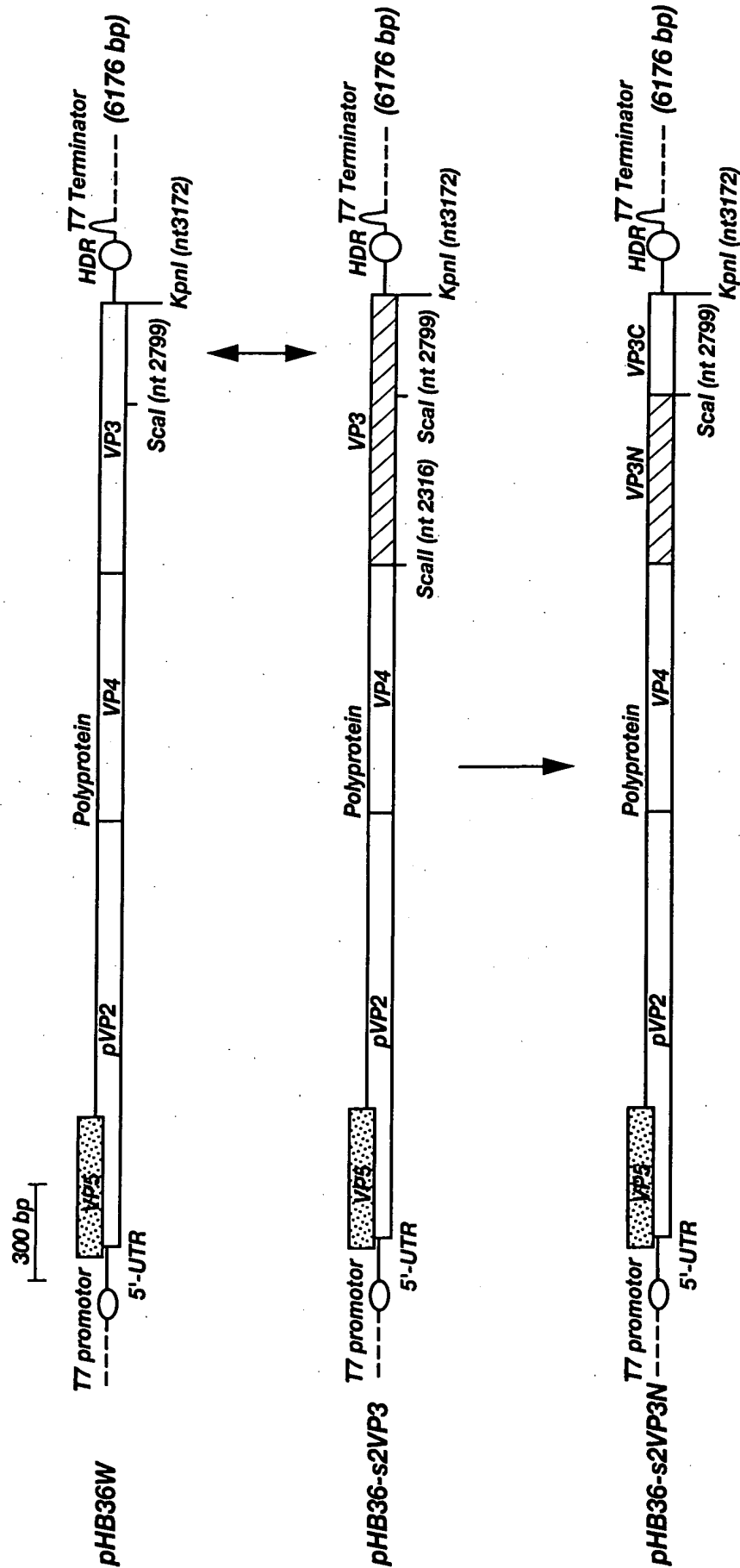


FIG. 5F 8F

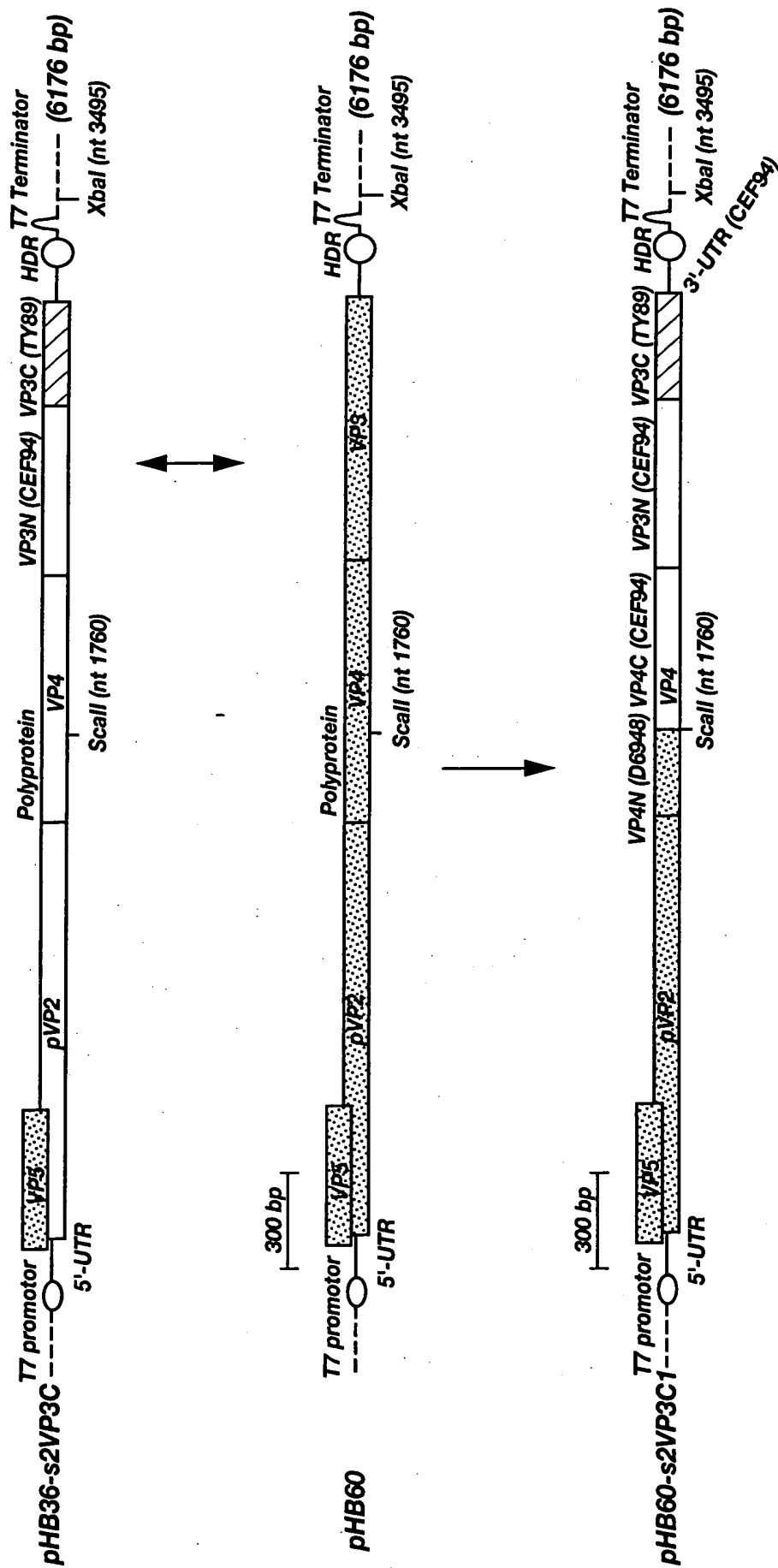


FIG. 5G 86

FIG. 69

				VP4 ← → VP3	
	← SacII				
CEF94-PP:	724-FPHNPRD	WDRLPYLNLP	YLPNAGRQY	HLAMAASEFK	ETPELESVR AMEAAANVDP 780
TY89-PP:	724-.....	.....	.....T....F	...L.....	.....D... ..D..... 780
CEF94-PP:	LFQSALSVFM	WLEENGIVTD	MANFALSDPN	AHRMRNFLAN	APQAGSKSQR AKYGTAGYGV 840
TY89-PP:	..R...Q...	.....	.....	....K.....	..... 840
				← SacI	
CEF94-PP:	EARGPTPEEA	QREKDTTRISK	KMETMGIYFA	TPFWVALNGH	RGSPGQLKY WQNTREIPDP 900
TY89-PP:	.....	.....	.....	.....	.....E. 900
CEF94-PP:	NEDYLDYVHA	EKSRLASEEQ	ILRAATSIYG	APGQAEPPQA	FIDEVAKVYE INHGRGPNQE 960
TY89-PP:	....P.....	.....	V.....	.....R....	..... 960
CEF94-PP:	QMKDLLLTAM	EMKHRNPRRA	LPKPKPKPNA	PTQRPPGRLG	RWIRTVSDLE 1012
TY89-PP:	.....	.....	P.....	S.....	..... 1012

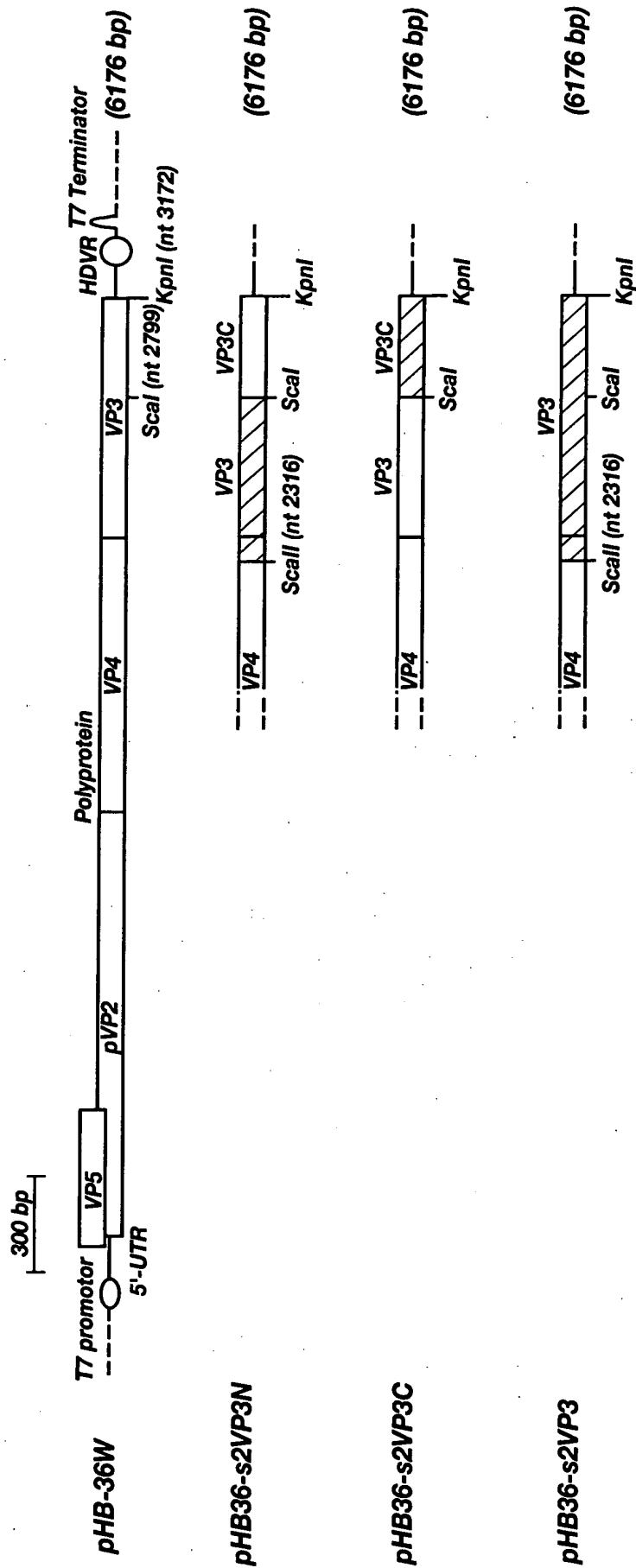


FIG. 10

FIG. 8A 11A

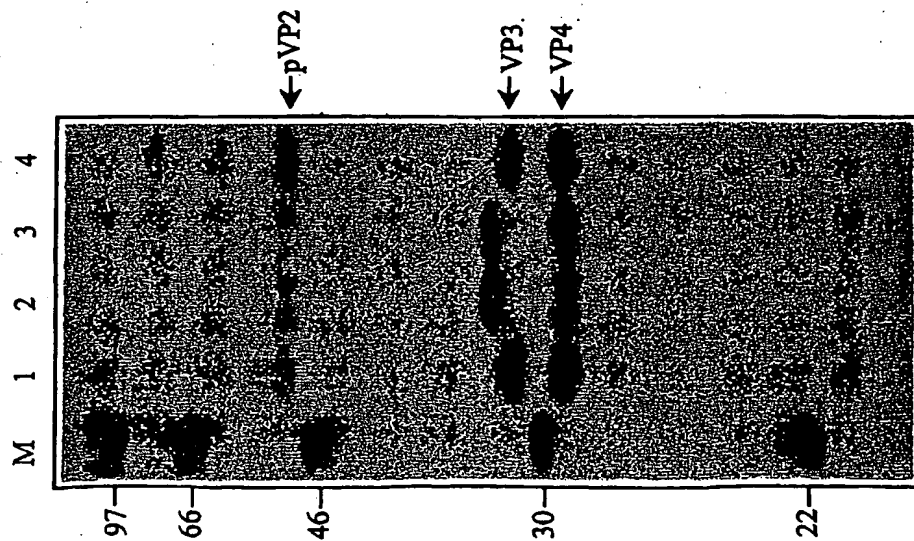


FIG. 8B 11B

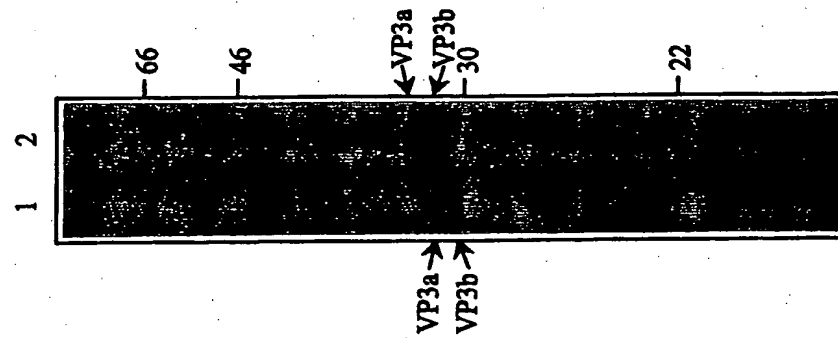
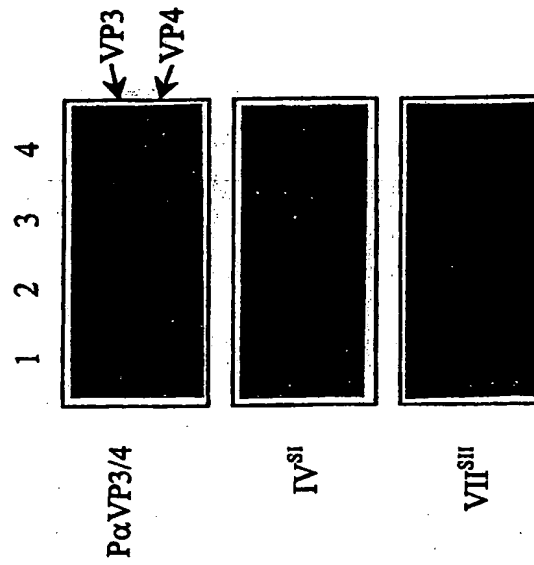


FIG. 8C 11C



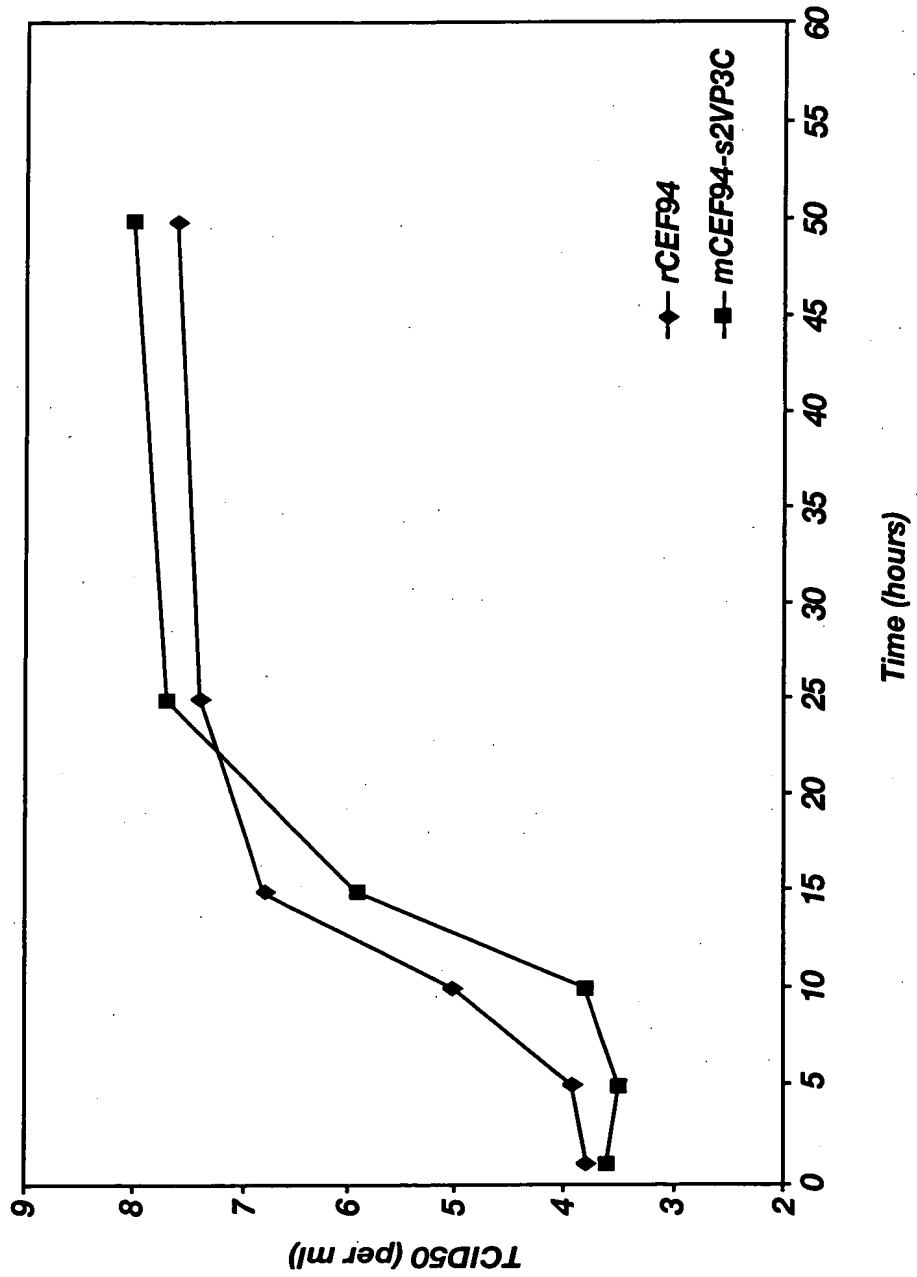
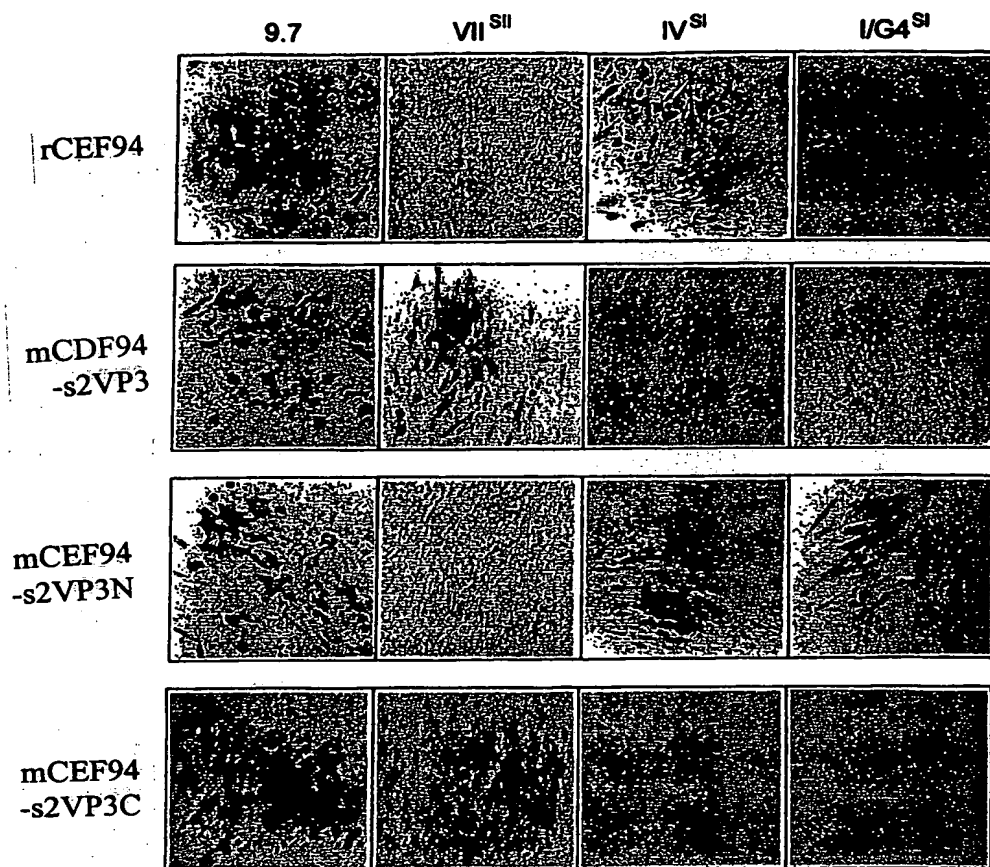


FIG. 12

FIG. 10 13



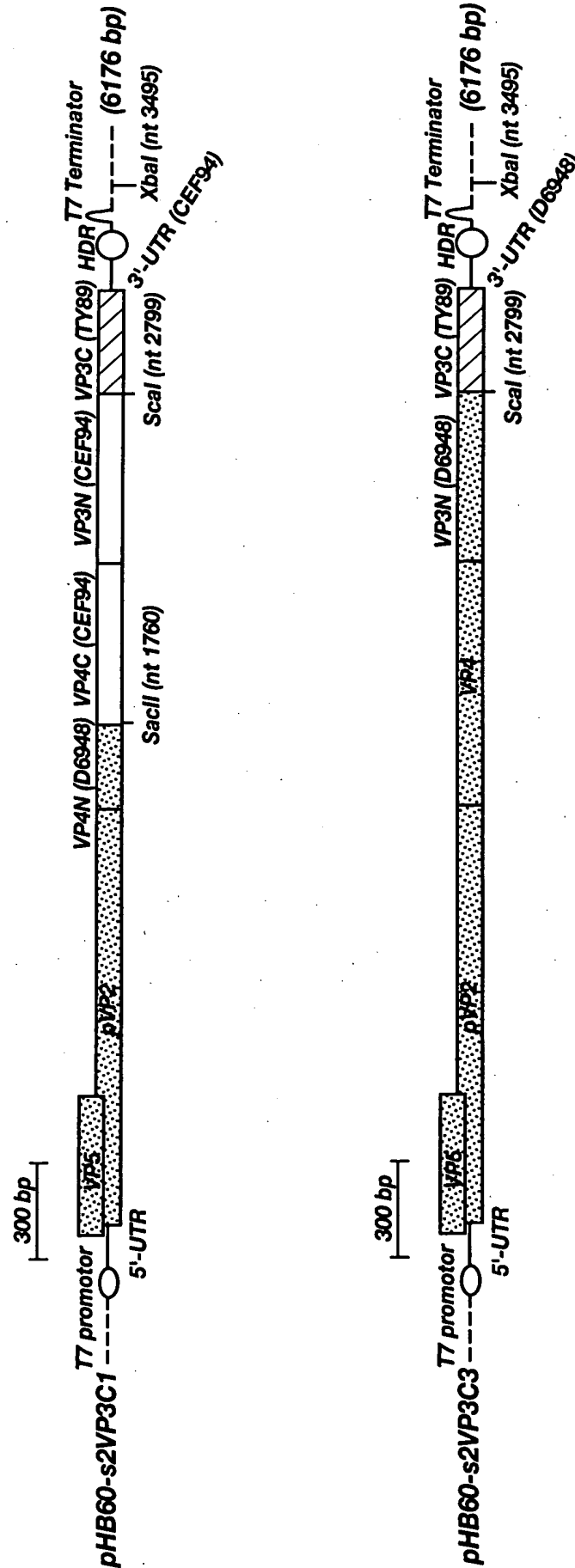
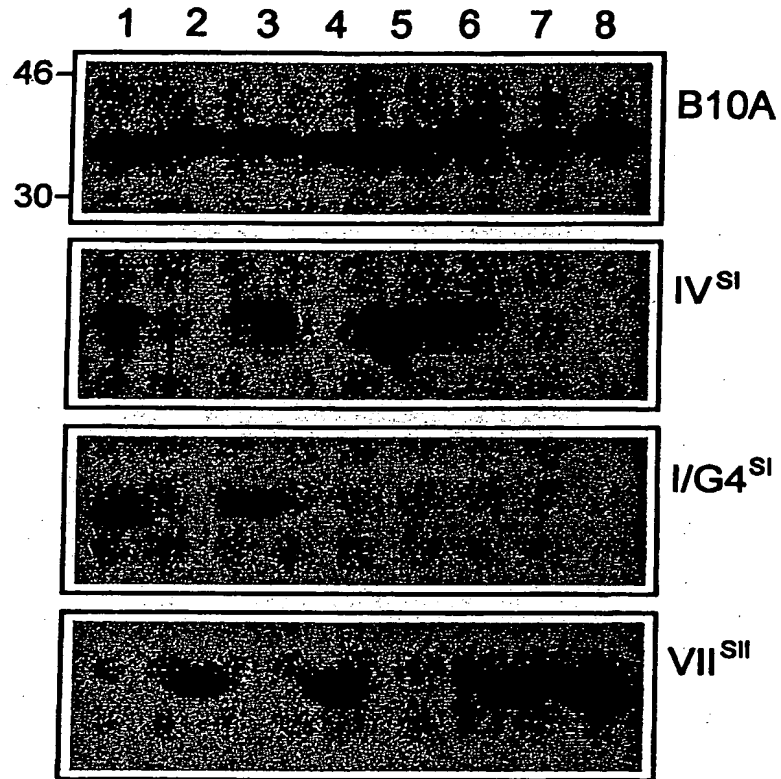


FIG. 14

FIG. ~~12~~ 15



	VP4 ← → VP3	
SacII ↙		
CEF94-PP:	724-FPHNPRD WDRLPYLNLP YLPPNAGRQY HLAMAASEFK ETPELES AVR AMEAAANVDP	780
D6948:	..... D.....	780
TY89-PP:	724-T.....F.....L.....D....	780
CEF94-PP:	LFQSALSVFM WLEENGIVTD MANFALS DP N AHRMRNFLAN APQAGSKSQR AKYG TAGYGV	840
D6948:	..... R... Q..... K.....	840
TY89-PP:	.....	840
	↘ SacI	
CEF94-PP:	EARGPTPEEA QREKDRISK KMETMG IYFA TP EWVALNGH RGSPGQLKY WQNTREIPDP	900
D6948:	..... TY89-PP:	900
		. E. 900
CEF94-PP:	NEDYLDYVHA EKSR LASEEQ ILRAATSIYG APQAEPPOA FIDEVAKVYE INHG RGNQE	960
D6948:	..... P..... V.....R.....	960
TY89-PP:	.....	960
CEF94-PP:	QM KDLLLLTAM EMKH RNPRRA LPKP KPKNPA PTQR PPGR LG RWIRTVSDED LE	101
D6948:	..... P..... .A.....	101
TY89-PP:	..... P..... S.....	101

FIG. 14 17

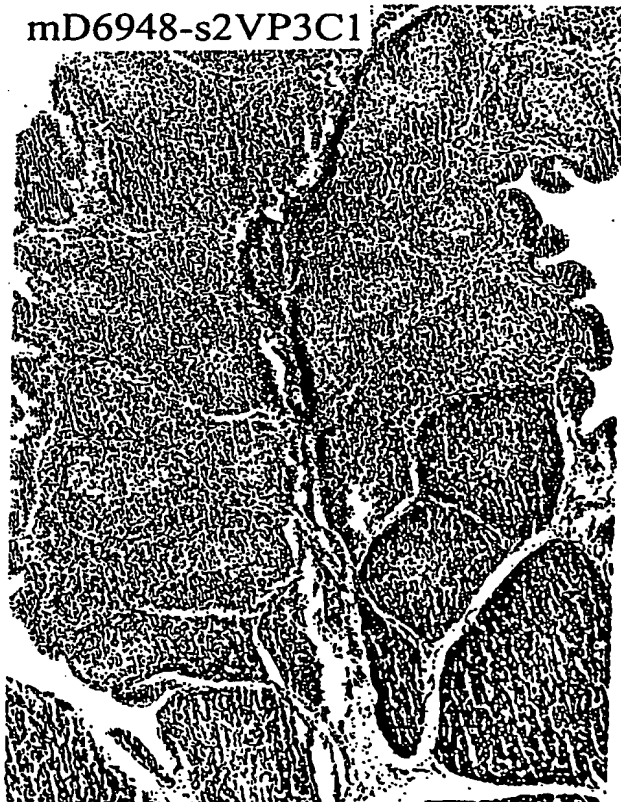
Mock



D6948



mD6948-s2VP3C1



mD6948-s2VP3C3



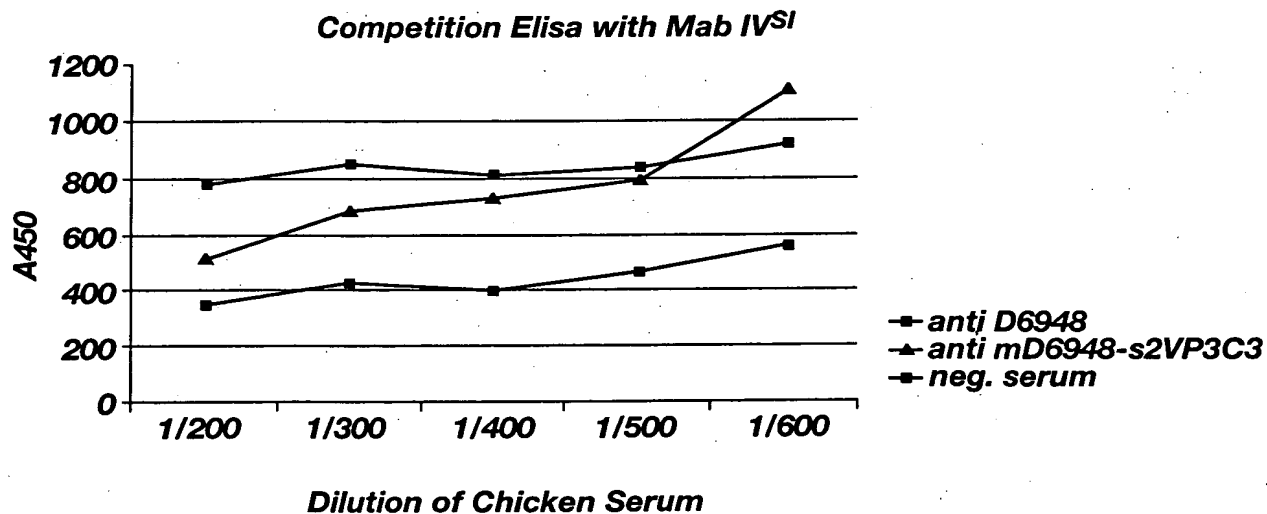
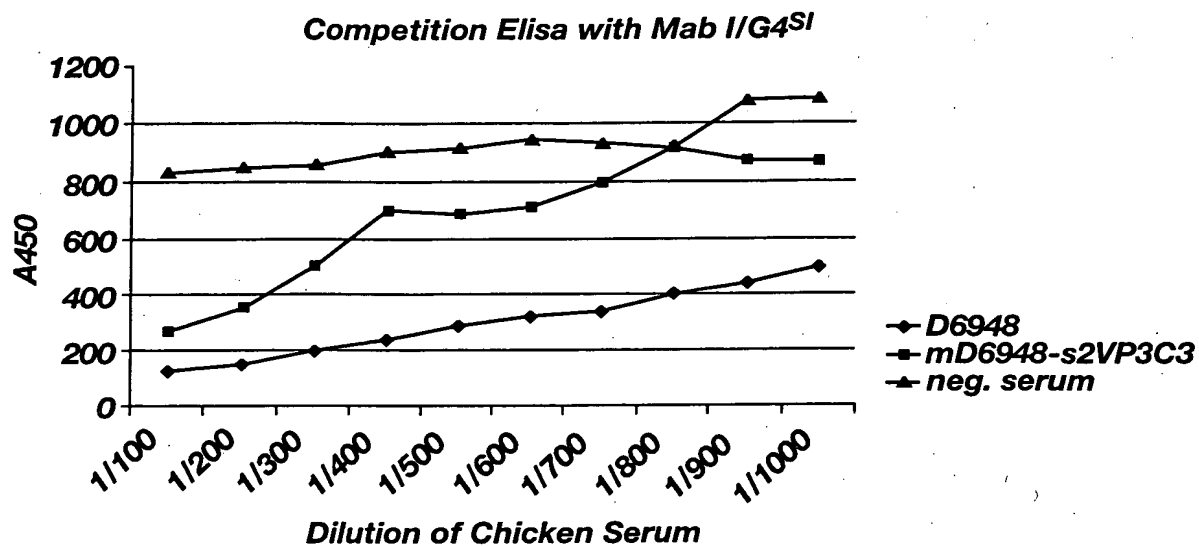


FIG. 15 18

FIG. 16A /9

D6948-VP5: MSLMVSRDQ TNDRSDDPA RSNPTDCSVH TEPDANNRT GVHSGRHPRE AHSQVRDLDL 60
CEF94-VP5: ----K..G. 56

D6948-VP5: QFDCGGHRVR ANCLFPWFPPW LNCGCSLHTA EQWELQVRSD APDCPEPTGQ LQLLQASESE 120
CEF94-VP5:I.. 116

D6948-VP5: SHSEVKHTPW WRLCTKWHHK RRDLPKPE 149
CEF94-VP5:S.....R.... 145

D6948-PP: CEF94-PP:	MTNLQDOTQO	IVPFIRSLIM	PTTGPASIPD	DTLEKHTLRS	ETSTYNLTVG	DTGSGLIVFF	60		
							60		
D6948-PP: CEF94-PP:	PGFPGSIVGA	HYTLQSNNGY	KFDQMLLTAQ	NLPASYNCR	LVSRLTVRS	STLPGGVYAL	120		
							120		
D6948-PP: CEF94-PP:	NGTINAVTFQ	GSLSELTDS	YNGLMSATAN	INDKIGNVLV	GEGVTVLSLP	TSYDLGYVRL	180		
							180		
D6948-PP: CEF94-PP:	GDPIPAIGLD	PKMVATCDSS	DRPRVYTITA	ADDYQFSSQY	QAGGVTTITF	SANIDAITSL	240		
					P.		240		
D6948-PP: CEF94-PP:	SIGGELVFQT	SVQGLILGAT	IYLIGFDGTA	VITRAVAADN	GLTAGTDNLM	PFNIVIPTSE	300		
	V.	H. V.			N.	T.	L.	N.	300
D6948-PP: CEF94-PP:	ITQPITSIKL	EIVTSKSGGQ	AGDOMSWSAS	GSLAVTIHGG	NYPGALRPVT	LVAYERVATG	360		
				R.					360
D6948-PP: CEF94-PP:	SVVTVAGVSN	FELIPNELA	KNLVTEYGRF	DPGAMNYTKL	ILSERDRIGI	KTVWPTREYT	420		
									420
D6948-PP: CEF94-PP:	DFREYFMEVA	DLNSPLKIAG	AFGFKDIIRA	LRRIAPVVS	TLFPPAAPLA	HAIGEGVDYL	480		
				I.					480
D6948-PP: CEF94-PP:	LGDEAQAASG	TARAASGKAR	AASGRIROLT	LAADKGYEVV	ANLFQVPQNP	VVDGILASPG	540		
									540
D6948-PP: CEF94-PP:	ILRGAHNLDC	VLREGATLFP	VVITTVEDAM	TPKALNSKMF	AVIEGVREDL	QPPSQRGSFI	600		
	V.								600
D6948-PP: CEF94-PP:	RTLSGHRVYG	YAPDGVLPLE	TGRDYTEVPI	DDVWDDSIML	SKDPIPIVIG	NSGNLAIAYM	660		
									660
D6948-PP: CEF94-PP:	DVFRPKVPIH	VAMTGALNAY	GEIENVSFERS	TKLATAHRLG	LKLAGPGAFD	VNTGSNWATF	720		
		C	K.				P.		720

~~FIG. 16A~~ ~~(Continued)~~ FIG. 20B

D6948-PP:	IKRFFPHNPRD	WDRLPYLNLP	YLPPNAGROY	DLAMAASEFK	ETPELESAVR	AMEAAANVDP	780
CEF94-PP:	.....	.....	.....H.....	.....	.....	.....	780
D6948-PP:	LFQSALSVM	WLEENGIVTD	MANFALSDPN	AHRMRNFLAN	APQAGSKSOR	AKYGTAGYGV	840
CEF94-PP:	.....	.....	.....	.....	.....	.....	840
D6948-PP:	EARGPTPEEA	QREKDTRISK	KMETMGIYFA	TPEWVALNGH	RGPSGQLKY	WQNTREIPDP	900
CEF94-PP:	.....	.....	.....	.....	.....	.....	900
D6948-PP:	NEDYLDYVHA	EKSRLASEEQ	ILRAATSIYG	APQQAEPPOA	FIDEVAKVYE	INHGRGNQE	960
CEF94-PP:	.....	.....	.....	.....	.....	.....	960
D6948-PP:	QMKDLLLTAM	EMKHRNPRRA	PPKPKPKPNA	PTQPPGRLG	RWIRAVSDED	LE	1012
CEF94-PP:	.....	.....L.....	.....	.....	.....T.....	..	1012

FIG. 16C 21A

D6948-VP1:	MSDVFNPSQA	RSKISAAFGI	KPTAGQDVEE	LLIPKVVWPP	EDPLASPSRL	AKFLRENGYK	60
CEF94-VP1:	...I.....	..T.....	.....	.....	.....	.....	60
D6948-VP1:	ILQPRSLPEN	EEYETDQILP	DLAWMRQIEG	AVLKPTLSLP	IGDQEYFPKY	YPTHRRPSKEK	120
CEF94-VP1:	V.....	.....	.....	.....	.....	.....	120
D6948-VP1:	PNAYPPDIAL	LKOMIYLFLO	VPEATDNLKD	EVTLLTQNIR	DKAYGSGTYM	GQATRLVAMK	180
CEF94-VP1:	.....	.....	...NEG...	.....	.....	.....	180
D6948-VP1:	EVATGRNPKN	DPLKLGTYFE	SIAQLLDITL	PVGPPGEDDK	PWVPLTRVPS	RMLVLTGDVD	240
CEF94-VP1:	.....	.....	.....	.....	.....	.....	240
D6948-VP1:	GEFEVEDYLP	KINKSSSGL	PYVGRTKGET	IGEMIAISNQ	FLRELSALLK	QGAGTKGSNK	300
CEF94-VP1:	.D.....	.....	.....	.....	...T...	.....	300
D6948-VP1:	KLLLSMLSDY	WYLSGCLLFP	KAERYDKSTW	LTKTRNIWSA	PSPTMLMISM	ITWPVMSNSP	360
CEF94-VP1:	.....	.....	.....	.....	.....	.....	360
D6948-VP1:	NNVLNIEGCP	SLYKENPFRG	GLNRIVEWIM	APDEPKALVY	ADNIYIVHSN	TWYSIDLEKG	420
CEF94-VP1:	.....	.....	...L..E...	.....	.....	.....	420
D6948-VP1:	EANCTRQHMQ	AAMYIILTRG	WSDNGDPMFN	QTWATEFAMNI	APALVVDSSC	LIMNLQIKTY	480
CEF94-VP1:	.....	.....	.....	.....	.....	.....	480
D6948-VP1:	GQSGGNAATF	INNHLSTLV	LDQWNLMKQP	SPDSEEFKSI	EDKLGINFKI	ERSIDDIRGK	540
CEF94-VP1:	.....	.....	...R..R...	.....	.....	.....	540
D6948-VP1:	LRQLVPLAQP	GYLSSGGVEPE	QPSPTVELDL	LGWSATYSKD	LGIYVPVLDK	ERLFCSAAYP	600
CEF94-VP1:	...L....	.....	.S.....	.....	.....	.....	600
D6948-VP1:	KGVENKSLKS	KVGIEQAYKV	VRYEALRLVG	GWNYPLLNKA	CKNNASAARR	HLEAKGFPLD	660
CEF94-VP1:	.....	.....	.....	.....	...G....	.....	660
D6948-VP1:	EFLAEWSELS	EFGEAFEGFN	IKLTVTPESL	AELNRPVPPK	PPNVNRPVNT	GGLKAVSNAL	720
CEF94-VP1:	.....	.....	...S...K...	.....	.....	.....	720

~~FIG 16C~~ ~~(Contd.)~~ FIG. 21B

D6948-VP1:	KTGRYRNEAG	LSGLVLLATA	RSRLQDAVKA	KAEAEKHLKS	KPDDPDADWF	ERSETLSDLL	780
CEF94-VP1:	.....	.....	.....	.....	.....	.....	780
D6948-VP1:	EKADIASKVA	HSALVETSDA	LEAVQSTSVY	TPKYPEVKNP	QTASNPPVGL	HLPKRAATGV	840
CEF94-VP1:	.....	.....	.....	.....	.....	.....	840
D6948-VP1:	QAALLGAGTS	RPMGMEAPTR	SKNAVKMAKR	RQRQKESRQ-	-		879
CEF94-VP1:	.....	.....	.....	.....	.....Q	P	881

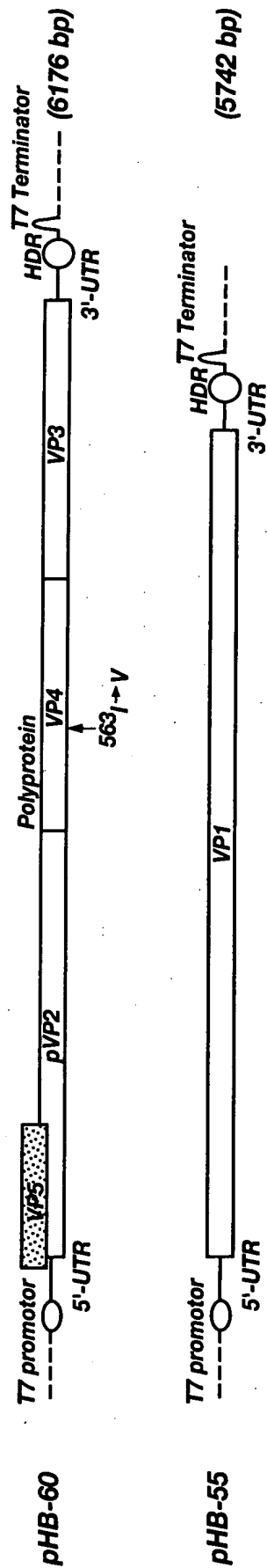
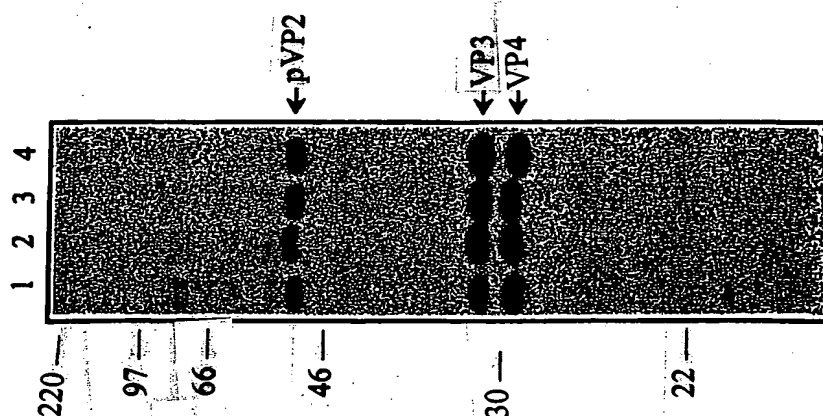
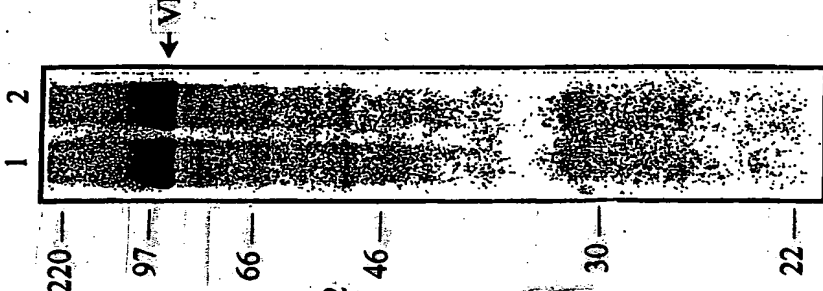


FIG. 17 22

23C
FIG. 18C



23B
FIG. 18B



23A
FIG. 18A

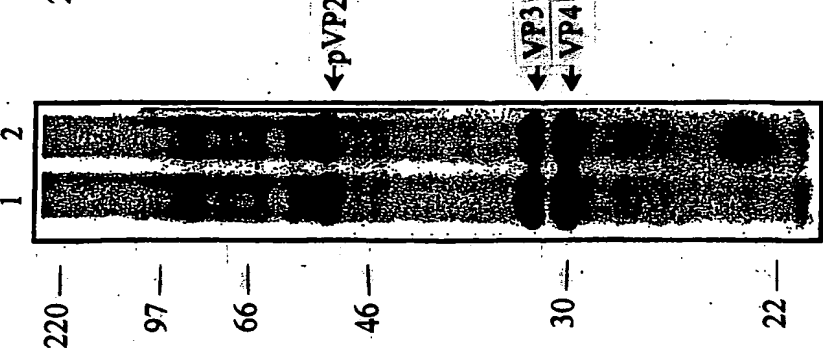
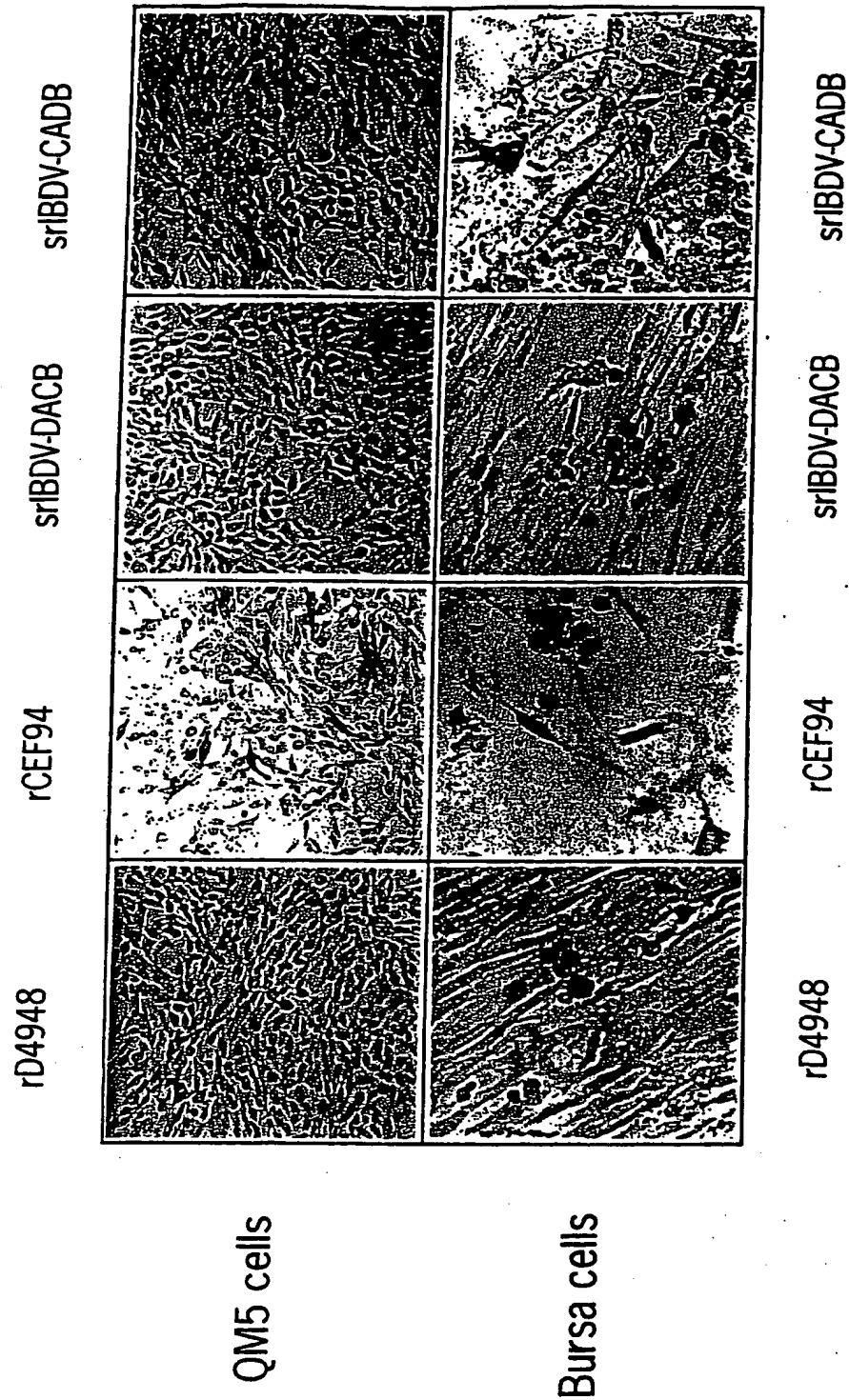


FIG. 19 24



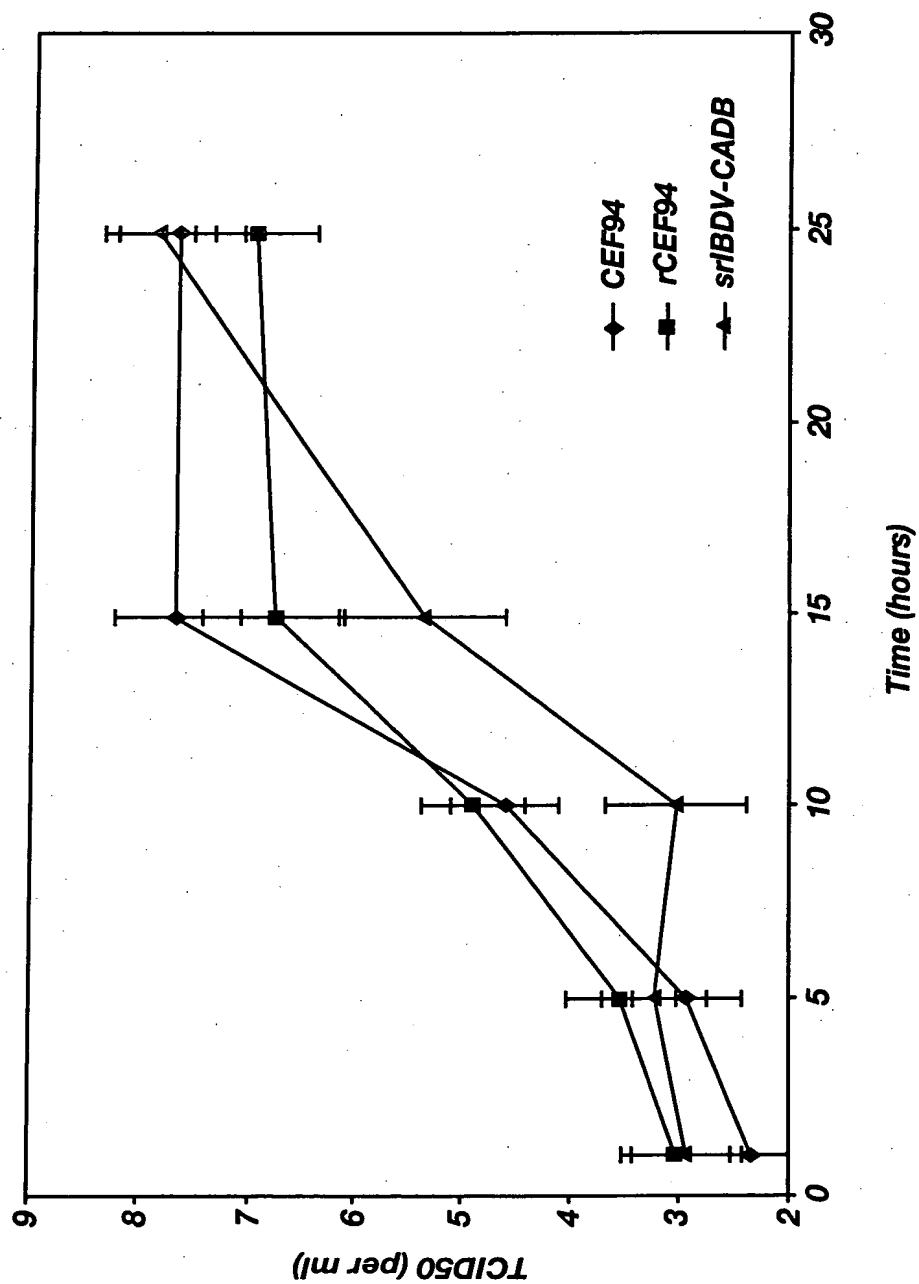


FIG. 20 25

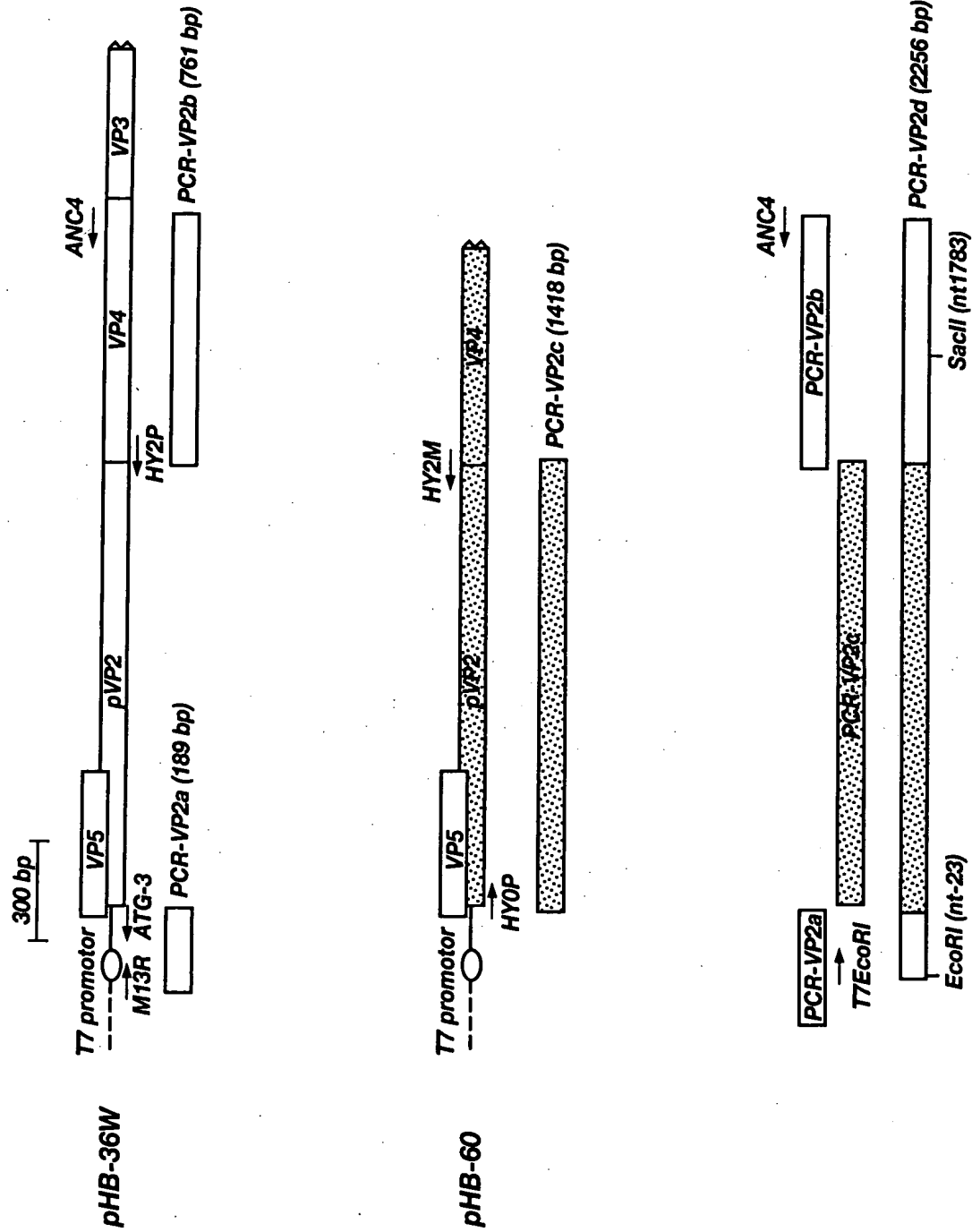


FIG. 24 26

FIG. 22 27

